

**NEWS: FUJI'S PREMIUM
26X BRIDGE MEGA ZOOM**



**TESTED: SONY NEX-5N
DSLR SENSOR INSIDE!**

Saturday 10 December 2011

amateur Photographer

FOR EVERYONE WHO LOVES PHOTOGRAPHY, EVERY WEEK!

www.amateurphotographer.co.uk

Amazing results with simple equipment

ASTONISHING MACRO



£2.65



PAGE 21



ON TEST

PAGE 53

FUJIFILM FINEPIX X10

Retro digital with quality results

AP EXPLAINS



PAGE 72

RESIZING YOUR PICTURES

What's the least destructive way?

STEAM RAILWAYS



PAGE 42

STEAM CELEBRATION

Jensen's 25-year railway project

SONY
make.believe



never miss a moment

Take incredible pictures no matter how brief the moment with the new α 77. Ultra high-speed continuous shooting of up to 12fps lets you capture fast moving images in stunning clarity. Combined with Full HD 50p video and high performance autofocus, your photos and films will stay as clear as your memories.

Show the world through your eyes.

Take **pictures people love.**



Translucent
Mirror Technology™

α • sony.co.uk/alpha



Contents

Amateur Photographer For everyone who loves photography

THE ELEMENT that most often amazes us when visiting ancient monuments is that they were built at all. Stonehenge is just a pile of stones unless you can appreciate that men without fluorescent jackets, safety glasses and tower cranes erected these mammoth slabs in a particular formation to harness the sun's rays at a certain time of the year. Cave paintings leave us in wonder that bearded, pelt-clad cave dwellers thought to mix spit and pigment to consider the lines and shapes of running deer, and our centuries-old churches and cathedrals conjure up images of men with blunt metal instruments, wooden mallets and dust-covered aprons chiselling these great tributes one chip at a

time for years on end. We've become so reliant on modern tools it's become inconceivable to start any job without the correct accessories.

In photography, too, we concentrate so much on having the right things. A new lens can seem the key to a new door when really thought and work can achieve the same results with simpler kit. Jack Hood teaches us all a lesson this week (main cover picture and page 21), with his astonishing macro work – all shot on a camera not nearly man enough for the job.



Damien Demolder
Editor

NEWS, VIEWS & REVIEWS

5 NEWS

Fujifilm reveals 'premium-level' X-S1 bridge camera with 26x optical zoom; Olympus trio quit over accounting scandal; Ricoh releases new 10-million-pixel CX6 compact camera; Canon quizzed over technology for EOS Cinema C300 professional video camera

12 REVIEW

The latest books, exhibitions and websites

106 THE FINAL FRAME

Roger Hicks believes that our position in society is reflected not by our possessions, but by our attitude to how those possessions are valued

TECHNIQUE

16 PHOTO INSIGHT

Heather Angel explains how she took her studio shot of a puffball fungus releasing a cloud of spores into the air

TESTS AND TECHNICAL

51 TESTBENCH

Loweepro Photo Sport 200AW backpack and Westcott 7-foot white/black parabolic umbrella

53 FUJIFILM FINEPIX X10

Fujifilm enters the high-end compact camera market with its premium FinePix X10, a model that makes the style and class of the company's X-series cameras more affordable

63 SONY NEX-5N

A 16.1-million-pixel sensor, LCD touchscreen and increased shooting rate to 10fps are just three of the upgrades to Sony's NEX-5N compact system camera. Richard Sibley puts it to the test



66 ASK AP

Our experts answer your questions

69 APPLE IPHONE 4S

Camera phones are often used instead of compact cameras to record social occasions, holidays and weddings. Mat Gallagher finds out whether the latest Apple iPhone can really replace your compact camera

72 RESAMPLING

AP's photo-science consultant Professor Bob Newman explains how resampling affects the final viewing quality of an image

YOUR WORDS & PICTURES

14 LETTERS

AP readers speak out on the week's issues

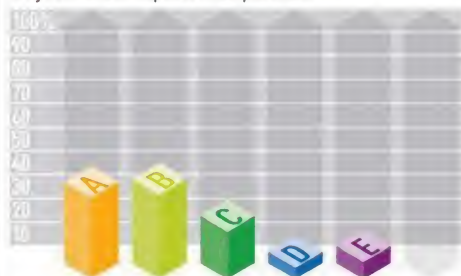
15 BACKCHAT

AP reader Eric Malik asks whether there's a new respect for photography in public places

THE AP READERS' POLL

IN AP 19 NOVEMBER WE ASKED...

Do you ever use exposure compensation?



YOU ANSWERED...

A A lot, to adapt what the camera suggests	34%
B Quite often, in extreme conditions	35%
C Very rarely. It's not something I think to use	20%
D No, never. My camera gets it right every time	4%
E Almost all the time. I don't believe my meter	7%

THIS WEEK WE ASK...

Do you have all the kit you need?

VOTE ONLINE www.amateurphotographer.co.uk

34 SPOTLIGHT

Another selection of superb reader pictures

48 APPRAISAL

Damien Demolder examines your images, offering words of wisdom and constructive advice

FEATURES

21 SMALL WONDERS

Jack Hood is just 18 years old, but already he has established himself as a macro photographer to be reckoned with. He talks to Oliver Atwell about his work

28 WORD ASSOCIATIONS

Jimmy Symonds spent many months meticulously researching new words that entered the English language in each year of the 20th century, and illustrating them with his photographs. He tells Gemma Padley how the project came about and explains the appeal of mixing words and images

42 STEAM DRIVEN

Joel Jensen shares his 25-year passion for shooting steam railways. He talks to David Clark

P42 Joel Jensen's fantastic images of steam railways



HOW TO HAVE YOUR PICTURES PUBLISHED IN READER SPOTLIGHT Send in a selection of up to ten images. They can be either a selection of different images or all have the same theme. Digital files sent on CD should be saved in a Photoshop-compatible format, such as JPEG or TIFF, with a contact sheet and submission form. Visit www.amateurphotographer.co.uk/spotlight for details. We cannot publish images without the necessary technical details. Each RGB image should be a minimum of 2480 pixels along its longest length. Transparencies and prints are also accepted. We recommend that transparencies are sent without glass mounts and posted via Special Delivery. For transparencies, prints or discs to be returned you must include an SAE with sufficient postage.

HOW TO CONTACT US Amateur Photographer, IPC Media, Blue Fin Building, 110 Southwark Street, London SE1 0SU **AP Editorial Telephone:** 0203 148 4138 **Fax** 0203 148 8123 **Email** amateurphotographer@ipcmedia.com **AP Advertising Telephone:** 0203 148 2517 **Email** lee_morris@ipcmedia.com **AP Subscriptions Telephone:** 0845 676 7778 **Email** ipcsubs@qss-uk.com **AP test reports Telephone:** 01707 273 773 www.testreports.co.uk/photography/ap

Nikon 1 System Cameras

This years sensation available from your Nikon Premier Dealer

Get credit at the checkout

Get an instant decision

Paperless application

Get the goods you want NOW

Your order shipped FAST

Pay just 10% deposit today

powered by



I AM NIKON J1



Quick, Intelligent
and Portable Camera System

EXPEED 3 HDMI 1 NIKKOR 1 mount PICTURE CONTROL SD



Super high-speed sensor: focuses faster and more accurately than ever before
Shoot full-resolution images at up to 60 fps
Small body and interchangeable lenses in a range of colors
Groundbreaking shooting modes
Intuitive operation

J1 10-30mm Kit - Our Price £449.00 or pay £7.90 per month

J1 10mm Lens Kit - Our Price £489.00 or pay £8.61 per month

J1 10-30mm & 30-110 Twin Lens Kit - Our Price £598.00 or pay £9.77 per month

I AM NIKON V1



Interchangeable
Lens System Camera

EXPEED 3 HDMI 1 NIKKOR 1 mount PICTURE CONTROL SD



Outstanding stills and movies
low noise, RAW shooting and 10.1 megapixel resolution.
clear, stable view and 100% frame coverage
Groundbreaking shooting modes
Intuitive operation

V1 10-30mm Kit - Our Price £729.00 or pay £10.69 per month

V1 10mm Lens Kit - Our Price £779.00 or pay £11.43 per month

V1 10-30mm & 30-110 Twin Lens Kit - Our Price £889.00 or pay £13.04 per month

Nikon 1 System Lenses

10-30mm f3.5-5.6 VR Nikkor Lens



Our Price £179.00

30-110mm f3.5-5.6 VR Nikkor Lens



10x power-drive zoom lets you
capture movies in superb clarity

Our Price £229.00

10mm f2.8 Nikkor Lens



Wide angle lens ideal for making interiors
and landscapes look even vaster

Our Price £229.00

10-100mm f4.5-5.6 PD Zoom Nikkor Lens



Our Price £619.00

or pay £9.08 per month

Nikon 1 System Accessories

Nikon 1 Mount Adapter FT1

A world of possibilities:
designed to let you use
any NIKKOR D-SLR lens
with your Nikon 1 camera



Our Price £229.00

Nikon SB-N5 Speedlight

Ultra-portable: amazingly
small, incredibly lightweight
Speedlight flash unit.



Our Price £129.00

Nikon GP-N100 GPS Unit for Nikon 1 Cameras

If you like to travel,
this tiny GPS unit
is a great way to
tag your images to
the right location.



Our Price £109.99



www.cliftoncameras.co.uk
email: sales@cliftoncameras.co.uk

28 Parsonage Street
Dursley
Gloucestershire
GL11 4AA

E&OE Prices correct at time of print but are subject to change

tel: 01453 548 128

OPENING HOURS
MON-SAT 10AM - 5.30PM

APNews

News | Analysis | Comment | PhotoDiary 10/12/11

“It's like
a John
Grisham
novel...”

Ex-Olympus CEO
back in Japan, page 7



CHRIS CHEESMAN

X-S1 boasts 624mm optical zoom • 12-million-pixel, 2/3in EXR sensor

FUJI REVEALS 'PREMIUM' X-S1 BRIDGE CAMERA

AHEAD of its much-anticipated compact system camera debut next year, Fujifilm has released details of its new premium-level bridge model, the X-S1, and confirmed it will go on sale in February.

Touted as a 'new breed of bridge camera' to rival a 'fully manual DSLR', the Fujifilm X-S1 sports a 26x optical zoom designed to deliver the 35mm viewing angle equivalent of a 24-624mm lens.

A digital zoom will bolster overall zoom power to a 52x focal length range of 24-1,248mm, according to Fujifilm. The 17-elements-in-12-groups (nine blades) lens includes four aspherical elements and two ED lenses.

In a statement, the company claimed: 'Built in Japan to exacting standards, the body has a high-quality look and feel with metal dials, a rubberised coating and superior handling characteristics that will appeal to the discerning photo enthusiast.'

Shooting options include wide dynamic range, designed for high-contrast scenes and

capturing details in highlight and shadow areas.

Fujifilm claims photographers will be able to focus down to 1cm, using the camera's super macro mode.

The X-S1 borrows its 12-million-pixel, 2/3in EXR CMOS imaging sensor from the Fujifilm X10 and boasts a minimum shutter lag of 0.01secs, plus a burst rate of seven frames per second at full resolution.

Features also include a full HD (1920x1080 pixels) movie option and a hotshoe.

A built-in EVF carries a screen resolution of 1.44 million pixels (26° viewing area), and a 3in LCD monitor (460,000 pixels) that is tiltable, says Fujifilm.

The screen offers a daylight mode to help viewing in bright light.

The X-S1 has a maximum equivalent ISO sensitivity of 12,800 (small JPEG format only).

Controls include aperture and shutter priority and manual exposure, while users can 'fine-tune' colour, sharpness and tone.



The X-S1 uses a 256-zone TTL metering and three modes: multi, spot and average.

Exposure compensation of $\pm 2\text{EV}$ is possible in $\frac{1}{2}\text{EV}$ steps, according to the company.

Also on board are four auto bracketing options, eight film simulation modes, plus raw-format shooting and lens-shift-type image stabilisation.

The camera weighs around 920g, including battery and SD memory card.

Creative options include 360° motion panorama.

The X-S1 is due on the UK high street priced £699.

Fujifilm plans to release its first compact system camera in early 2012.

Rejecting the micro four thirds sensor format, the firm is expected to install an imaging sensor on a par with its premium-level fixed-lens compact, the X100. The X100 carries an APS-C-format sensor measuring 23.6x15.8mm. It is possible that the camera will be showcased at January trade shows in the United States.

SNAP SHOTS

● US riot police have been accused of shooting a photographer with a 'non-lethal projectile' as he was filming officers at the scene of an anti-Wall Street protest. Scott Campbell, a participant in the protest, was videoing a line of police officers in Oakland, California, during an Occupy demonstration. Campbell, 30, told the *San Jose Mercury News* that he was shot in the thigh with a non-lethal projectile, possibly a rubber bullet, causing swelling and bruising. 'When I was approaching the line, an officer told me to stop and step back, so I stepped back five or ten feet and started filming, and I asked if that was OK,' he told the paper. Shortly afterwards, Campbell, who is thought to have been around 50 feet from police, is heard to cry out in pain as he appears to be hit. To watch the video visit www.amateurphotographer.co.uk.

OLYMPUS TRIO QUIT OVER ACCOUNTING SCANDAL

THREE members of the Olympus board, including the company's auditor, have quit the scandal-hit camera maker.

Tsuyoshi Kikukawa and Hisashi Mori, who had remained directors after the accounting losses cover-up was exposed (see *News*, AP 26 November), have resigned, along with

company auditor Hideo Yamada.

The resignations came a day before ousted CEO Michael Woodford, who is still a director, was due to meet boardroom colleagues at a meeting in Tokyo.

Woodford, who is British, was sacked in October after questioning multi-million dollar

fees Olympus paid in relation to companies it acquired.

The company claimed he was dismissed because of a culture clash.

There have been reports that the payments may be linked to Japanese crime gangs, known as yakuza, which Olympus has denied.

Kikukawa had already resigned as chairman before Mori was dismissed as vice-president when the controversy escalated last month.

Kikukawa stepped down as chairman in October, before news emerged of the financial cover-up that is now the focus of a number of fraud investigations in Japan, the United States and the UK.

● For more see page 7

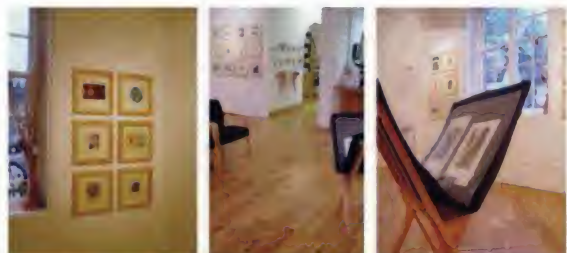


Do you have a story?

Contact Chris Cheesman
Tel: 0203 148 4129
Fax: 0203 148 8130
amateurphotographer.co.uk
ipcmedia.com

A week of photographic opportunity

PHOTODIARY



Wednesday 7 December

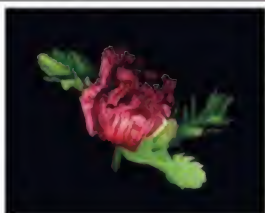
EXHIBITION Mini Print 2011, until 21 January at Artlink Centre, Hull HU5 3QP. Tel: 01482 345 104. Visit www.artlink.uk.net. **EXHIBITION** No Redemption by Keith Pattison, until 27 January at University Gallery, Northumbria University, Newcastle upon Tyne NE1 8ST. Tel: 0191 227 4424. Visit www.universitygallery.co.uk.

Thursday 8 December

EXHIBITION Taylor Wessing Photographic Portrait Prize 2011, until 12 February 2012 at National Portrait Gallery, London WC2H 0HE. Tel: 0207 306 0055. Visit www.npg.org.uk. **EXHIBITION** Behind the Curtains, by Tomas Van Houtryve, until 8 January 2012 at Third Floor Gallery, Cardiff CF10 5AD. Tel: 02921 159 151. Visit www.thirdfloorgallery.com.

Friday 9 December

EXHIBITION Plant Life by Isabel Bannerman, until 24 December at Jonathan Cooper Park Walk Gallery, London SW10 0AQ. Tel: 0207 351 0410. **EXHIBITION** Real Venice by various photographers, until 11 December at Somerset House, London WC2R 1LA. Tel: 0207 845 4600. Visit www.somerset-house.org.uk.



Saturday 10 December

DON'T MISS How to build a DIY photography studio (1-4.30pm, costs £15), at Embrace Social Enterprises, London SW9 8RR. Tel: 0207 274 9450. **DON'T MISS** Reindeer at Covent Garden Piazza, London WC2E 8RF. Visit www.coventgardenlondonuk.com. **EXHIBITION** Believing is Seeing, by seven Korean Artists, until 17 December at Fotogallery, Cardiff CF5 1QE. Tel: 029 2034 1667. Visit www.fotogallery.org.

Sunday 11 December

DON'T MISS Introduction to Birdwatching on the Exe Estuary, hosted by a local naturalist (10.30am-12.30pm, costs £4), at A la Ronde, Exmouth, Devon EX8 5BD. To book, call 01395 265 514. Visit www.nationaltrust.org.uk. **EXHIBITION** And Time Becomes a Wondrous Thing, by Hasselblad Award winner Sune Jonsson, until 7 January 2012 at PM Gallery, London W5 5EQ. Tel: 0208 567 1227. Visit www.ealing.gov.uk/pmgalleryandhouse.

Monday 12 December

EXHIBITION Gibson Through The Lens, features vintage images of musicians who are fans of Gibson guitars, until 31 January 2012 at the O2, London SE10 0DX. Visit www.britishmusicexperience.com. **EXHIBITION** Scandinavian Influences, Reflections and Contrasts from Life, by Mats Levander, until 31 December at Rhubarb & Custard Photo Gallery, Berkshire SL4 6AS. Tel: 01753 676 404. Visit www.rhubarbandcustard.com.

Tuesday 13 December LATEST AP ON SALE

EXHIBITION Photographs by Willie Doherty, shown alongside video works at Wolverhampton Art Gallery, West Midlands WV3 9LQ. Tel: 01902 552 055. Visit www.wolverhamptonart.org.uk. **EXHIBITION** Life in the Wild by Roger Hooper, until 22 December at Hoopers Gallery, London EC1R 0AA. Tel: 0207 490 3907. Visit www.hoopersgallery.co.uk.



CANON QUIZZED OVER CINEMA MODEL

Mat Gallagher asks: Could technology introduced in the new Canon EOS Cinema C300 professional video camera work its way into DSLRs, such as the replacement for the EOS 5D Mark II?

CANON has hinted that it is looking to improve video technology on future DSLRs, but remains tight-lipped about a replacement for the EOS 5D Mark II.

Last month, the company unveiled its EOS Cinema camera (see News, AP 19 November), aimed at professional videographers who need something more powerful than the EOS 5D Mark II. Canon claims it is set to deliver superior quality using a choice of either PL cinema lenses or the Canon EF mount.

At the same time, the firm announced a '4k video' concept DSLR, although details are sketchy.

It seems, however, that the cinema and still camera markets have very different demands. Commenting on the EOS Cinema C300 (pictured above), Canon Europe's professional support specialist Michael Burnhill told us: 'The thing with this sensor is that it is specific for video, so the only photograph you'll get from the C300 is a frame grab or a full HD, 2-million-pixel image, and that's fundamentally because the image sensor and processor are just dedicated to creating the best possible video.'

'The photo cameras are coming from the other direction – we are saying, how can

we make an amazing photo tool, and what's the best video capabilities we can put within those boundaries?

'For stills, you need resolution and that is going to dictate how everything else works.'

That said, Canon Europe's business development manager Peter Yabsley suggested DSLR video will be enhanced. 'There are certain aspects that could be useful and we all know what people like and what they don't like in video DSLRs so, of course, we're looking at it and we'll do what we can to improve that.'

He added: 'You can never design a product for everybody. You have to have a starting point, and for the EOS range that is still imaging. Then we work around that and make it as good as we can.'

The EOS 5D Mark II may be the linking factor between the stills and video worlds, but with the C300 the differences seem clear, at least while photographers want to print their images.

Our first impressions are that on screen, or projected onto a huge cinema screen, the 2-million-pixel moving images from the C300 are breathtaking and up to exhibition standard.

● For the full interview visit www.amateurphotographer.co.uk

December release for CX6

RICOH RELEASES NEW 10MP COMPACT

RICOH has unveiled the CX6, a 10-million-pixel digital compact camera boasting an AF speed of 0.1sec.

The CX6 sports a lens designed to deliver the 35mm viewing angle equivalent of a 28-300mm zoom.

Ricoh claims that the 3in (1.23-million-dot resolution) LCD screen is 1.7x brighter than the display on the CX5 model.

Features also include an AF continuous shooting option and aperture/shutter speed priority functions, via the mode dial.

By the time you read this, the CX6



should already be on sale in the UK, priced £259.99 and available in a choice of black, silver or pink.

SNAP SHOTS

● Actor Hugh Grant has won a court injunction banning press photographers from taking pictures outside the home of the mother of his baby daughter. Grant said that Tinglan Hong, a Chinese actress, has been hounded by paparazzi since September. Speaking at the Leveson Inquiry into press intrusion soon after, Grant said there are two types of press photographer: staff photographers who 'just occasionally show a modicum of decency', and freelance paparazzi who show 'no mercy, no ethics'.

● In our review of luxury compacts (AP 26 November, page 70), we stated the Leica D-Lux 5 is made from an anodised plastic. Leica assures us that the D-Lux 5 Titanium is, in fact, made of 'anodised aluminium' and AP is happy to make this clear.

● Photographer and master printer Gene Nocon FRPS, whose portrait of Prince Andrew and Sarah Ferguson was used on an official stamp to mark their wedding, has died aged 65. Nocon began his career as a photographic printer in the US military, his skills later earning him the Ilford Printer of the Year award in 1980.



Do you have a story?

Contact Chris Cheesman
Tel: 0203 148 4129
Fax: 0203 148 8130
amateurphotographer
@ipcmedia.com

Woodford back in Japan

SPECIAL REPORT

EX-OLYMPUS MAN: 'IT'S LIKE A JOHN GRISHAM NOVEL'

FORMER Olympus CEO Michael Woodford has met Japanese officials, including Tokyo police, on his first visit to Japan since he blew the whistle on a massive financial scandal.

On 24 November, three senior Olympus executives resigned (see page 5) as authorities stepped up investigations into a cover-up on investment losses since the 1990s and suspicious payments exceeding \$1 billion.

As we went to press, Woodford, 51, was heading for a further meeting with the FBI in New York, and talks with Department of Justice officials.

Woodford was sensationally sacked as CEO in October after questioning the dubious payments, just ten days into the job.

In an exclusive interview with AP, Woodford said he feared there is 'so much more to come out', potentially affecting the future regulation of Japanese companies.

Woodford spoke of how he helped uncover the scandal that cost him his job and led Olympus shares to shed more than 70% of their value (see box, right).

'I found it unbelievable, frankly... it's like a John Grisham novel this whole affair... and then if you understand all the nuances and tentacles it really is,' he told AP.

On a table in front of him sat a large black ring-binder – several inches thick – filled with documents relating to the crisis that has led to unsubstantiated press reports of



CHRIS CHEESMAN

'crime gang' involvement.

Woodford, who is originally from Liverpool, said the revelations have left him unable to relax. 'We have to clear up this horrible [corporate] governance issue, then we can move forward. Olympus could become a glowing example of what corporate governance could mean,' he insisted.

Woodford has called for the entire Olympus board of directors to resign.

However, in a statement, Olympus president and CEO Shuichi Takayama pledged a management overhaul, but stopped short of removing the whole board.

HUNGER FOR COMEBACK

Woodford, who had worked for Olympus for 30 years, is keen to return as boss of the 92-year-old corporation.

There has been media speculation that Olympus might seek to sell off its camera business to survive the accounting crisis.

Asked what he would do if shareholders reinstate him at the helm, Woodford replied: 'The camera business is stronger than it's been for several years... We have gone back into profit in the consumer business and I would keep it for the moment.'

He hinted that he would have felt differently had he been in charge three or four years ago.

However, he added that, in future, the camera division must be 'super-fit'.

FIRED CEO SPELLS OUT FUTURE

WOODFORD sees a huge potential for the 'high-end superzoom', yet it seems Olympus's Pen-branded micro four thirds models hold the key to the photo division, having given it a platform to 'rebuild'.

However, Woodford – who is a big fan of the Olympus Pen E-P3 – voiced frustration that Olympus had only 'limited resources' to promote the Pen in an ever-more cut-throat market – a concern amplified by the 'weird and wonderful' acquisitions that included an outfit making face cream.

'To me, the product is everything. We've seen that with the Pen... to get back to 24/25% [market share] in Japan – the home of Canon and Nikon – is quite remarkable,' he said.

The damage done to the brand's reputation by the widening scandal has left him 'depressed and saddened', yet he insisted Olympus is not fatally

wounded. 'I wouldn't say I would be prepared to go back and run it if I felt it was too late, would I?', added Woodford, who told AP that his father was a photographer.

'To me, there's nothing wrong with Olympus, except the most senior management – that's the weakness.'

He stressed that the medical equipment and camera divisions share many 'common components'.

'The distribution channels are very limited, so you don't need a massive infrastructure. What you need to do is invest in the product and also, to some extent, the brand.'

'You would be a romantic and a fantasist if you felt the [camera business] was going to be really profitable... But it could be a profitable business, utilising the infrastructure of, for example in the UK, KeyMed [medical equipment subsidiary], which is a brilliant company.'

HOW SCANDAL WAS EXPOSED

WOODFORD was at Olympus's European base in Hamburg, Germany, on 27 July when he was alerted to the crisis, a week after Japanese financial journal *Facta* raised questions about exceptionally high fees paid to advisers in relation to companies Olympus had acquired.

Woodford asked a Japanese businessman he knows to translate the *Facta* magazine article and, soon after, a contact with knowledge of Olympus confirmed Woodford's fears. The ex-CEO acted after receiving emails from contacts warning him of the potential implications for the company.

Although the main focus was \$687m in fees linked to 'unknown parties' in the Cayman Islands (in relation to Olympus's takeover of British medical equipment maker Gyrus in 2008), Woodford has also questioned payments related to several 'Mickey Mouse' acquisitions that stand apart from Olympus's core activities (one of which makes microwave dishes), in total involving more than \$900m.

Woodford's concerns prompted him to independently commission accountants PricewaterhouseCoopers (PwC) to draw up a report on the suspicious dealings, a document now in the hands of investigators at the UK's Serious Fraud Office (SFO).

'The night I got to Japan I sent [the board] my report and a letter, then I'm dismissed...' said Woodford. 'I had brought notice to the board in an evidential way. They wanted to close it down quickly, close me down... Japanese companies hate anything public, so what were they so scared of?'

Asked if he thought his fellow directors had been naïve to sack him in the knowledge he may go public, Woodford replied: 'I think they were desperately scared and thought they could perhaps manage it and weather it out.'

When approached by AP, the SFO refused to say which aspect of the matter its inquiry will focus on. PwC also declined to comment.

Reluctant to speculate on how Olympus executed the cover-up, the former CEO repeated calls for 'forensic accountants' to act within weeks, to rescue the company from its 'current totally dysfunctional state'.

AP
THIS
WEEK
IN...

1904

Dr HR Mill of the Royal Meteorological Society treated visitors to the Camera Club (in Kennington, London) to a long-term weather forecast, and apparently it was good news. However, as in 2011, it was somewhat questionable as to how reliable the prediction was. 'Photographers in general will be glad to know that, according to expert opinion, the weather conditions of 1905 will resemble those of 1904, and there is every possibility of a dry year,' reported AP. Dr Mill presented a diagram depicting 'average rainfall for the past decade or two, and pointed out that every group of three years consisted of one conspicuously wet year, such as 1903, followed by two fairly dry ones'.



CLUBNEWS

Club news from around the country

AUCHTERARDER CAMERA CLUB

The club will host a talk entitled *My Style of Photography*, by Hunter Kennedy, on 16 January (price £2) at Auchterarder Parish Church, 24 High Street, Auchterarder, Perth and Kinross PH3 1DF. Tel: 01764 682 279. Visit www.auchterardercameraclub.org.uk.

SHEFFIELD PHOTOGRAPHIC SOCIETY

The society plans to stage its annual exhibition from 23-26 February at the 1554 Gallery, Sheffield Cathedral, Church Street, Sheffield S1 1HA. Visit sheffield-photographer.org.uk.

SNAP SHOTS

● An Australian woman has launched an appeal to identify mystery people and places featured in photos that belonged to her late father, who hailed from Yorkshire. The 36 pictures belonged to Jeff Ackroyd, who did his Army training in York in 1931, according to The Press website. His daughter Rosemary said she inherited the images after her father died three years ago. Visit www.yorkpress.co.uk.

● An 8-million-pixel video and stills camera called Wingman HD has been launched that is designed for outdoor pursuits. The camera sports a 1.5in colour LCD screen, 1080p video and costs £199.99. The kit includes a '30 metres' waterproof casing and a helmet mount. Contact Delkin Devices on 0800 637 8087 or visit www.delkin.com.



High standard due to digital move DIGITAL RPS AWARDS 'REINVIGORATED'

A UK photographer has won a Gold Medal in a projected image competition hosted by the Royal Photographic Society, which received a boost in interest after going all digital.

Andrew Gasson won the accolade for his photo of an emperor penguin (see above).

'This year's entries were of a very high standard, with entries showing technical skill and artistic merit. We had 773 entrants and it's clear that the move to a fully digital competition

has reinvigorated many photographers' picture making,' said the RPS's Exhibitions Manager Lesley Goode.

Ukrainian photographer Sergey Buslenko also won a Gold Medal (see left).



The contest, previously known as the International Slide Exhibition, went fully digital this year, having started accepting digital entries in 2007.

The 2011

International Projected Image Exhibition is due to tour the UK and Ireland.

For details visit www.rps.org/int-proj-image-exhibition.

SCIENTIST CUTS BLURRY PHOTOS

SOFTWARE claimed to radically cut exposure times when using small apertures – reducing the risk of blurry pictures – has been unveiled by a Google software engineer.

Computer scientist Sam Hasinoff says he has combined a series of wide-aperture images with different depths of field to create an image with the depth of field of a small-aperture photo, but using a much shorter exposure time.

Hasinoff told *New Scientist* magazine that his method automatically calculates which combination of photos will produce the desired picture for a selected exposure.

'If either the scene or camera is moving, our method will record less motion blur, leading

to a sharper and more pleasing photo,' he said.

Commenting on the research, entitled 'Light-Efficient Photography', Hasinoff wrote on his website: 'We show that by collecting a sequence of photos and controlling the aperture, focus and exposure time of each photo individually, we can span the given depth of field in less total time than it takes to expose a single narrower-aperture photo.'

He adds: 'Our results are applicable to off-the-shelf cameras and typical photography conditions, and advocate the use of dense, wide-aperture photo sequences as a light-efficient alternative to single-shot, narrow-aperture photography.'



Do you have a story?

Contact Chris Cheesman
Tel 0203 148 4129
Fax 0203 148 8130
amateur photographer
@ipcmedia.com

FUJIFILM

X10

Ultra bright Fujinon F2.0-F2.8 4x zoom lens



Fujifilm X10 Discover the image quality you never thought possible from a compact camera. A 12 megapixel EXR CMOS sensor delivers superb image quality, whatever the conditions. Coupled with a fast aperture f/2-2.8, 4x zoom lens, a new world of photography is at your fingertips. Intuitive controls enhance handling including a manual barrel zoom and a clear, bright and wide optical viewfinder. **Take photography seriously.**



Find out more at www.fujifilmX10.co.uk or scan the QR code on your smartphone.

FUJIFILM Photography. Focused.

ENHANCE YOUR WEBSITE WI

When it comes to your website, functionality is everything. Enhance your hosting package with **easy-to-use 1&1 Click & Build Applications**. From blogging and newsfeeds to publishing pictures, getting more from your website has never been easier. Our comprehensive hosting packages include everything you need for online success:

✓ 65 Free 1&1 Click & Build Applications

WordPress, Joomla, Gallery, phpBB, Moodle and many more! Software and security updates included.

✓ Design Software

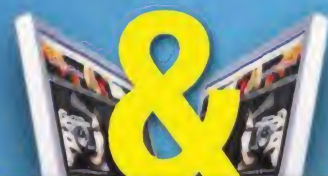
Adobe® Dreamweaver® or NetObjects Fusion® 1&1 Edition.

✓ Double Security

Your website is simultaneously hosted in two high-tech data centres in secure locations.

✓ 24/7 Telephone Support

Plus free e-mail support.



1&1 DUAL HOSTING



TH FREE CLICK & BUILD APPS!

HURRY! OFFERS END 31/12/2011



HOSTING

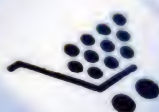
1&1 BUSINESS

- **UNLIMITED** Web Space
- **UNLIMITED** Traffic
- **UNLIMITED** 1&1 Click & Build Applications
- **UNLIMITED** MySQL 5 Databases (1GB each)
- GeoTrust Dedicated SSL Certificate
- **DUAL HOSTING** via Geo-redundancy

NOW 6 MONTHS

FREE!

then £9.99/month*



PayPal

kelkoo

eBay

eCOMMERCE

1&1 PROFESSIONAL eSHOP

- 20,000 Items, 2000 Product Groups
- Complete Order, Customer and Stock Management
- Premium Marketing Tools and eBay Features
- Multiple Payment and Shipping Options
- **NEW:** Customisable Designs for Online Shops

NOW 6 MONTHS

FREE!

then £39.99/month*

Configure your 1&1 Dynamic Cloud Server:



SERVERS

1&1 DYNAMIC CLOUD SERVER

- **NEW:** Up to **6 Cores**, with **24 GB RAM**
- **NEW:** Monitor and Manage your Servers anywhere using any Mobile Browser
- Adjustable Configuration during entire contract term

NOW 3 MONTHS

FREE!

then from £29.99/month*

.info

now only **£0.99** first year

.co.uk

now only **£2.49** first year

.com

now only **£4.99** first year

1&1

Call **0844 335 1211** or buy online

www.1and1.co.uk

APReview

The latest photography books, exhibitions and websites. By Oliver Atwell



BOOK



The Sea: A Celebration in Photographs

By Pierre Borhan, Flammarion, £19.95, 300 pages, paperback, ISBN 978-2-08-020085-3

THE OCEAN is a sprawling expanse of saline water that has inspired awe, fear and long been a means of survival for entire communities. The sea dominates a large percentage of the earth and dwarfs the land and things that reside within it. For centuries artists have channelled the symbolic nature of the ocean and attempted to represent it as best they can. This excellent volume collects 300 images taken by some of photography's most important practitioners, such as Alfred Stieglitz, Walker Evans and Henri Cartier-Bresson. The photographs succeed in offering a cross-section of the ocean's moods, from calm to tempestuous, and demonstrate that this alien world is prone to violent outbursts as well as Zen-like tranquillity. Importantly, though, the ocean is seen as an area populated by human activity, particularly in the images of people like Sebastião Salgado and W Eugene Smith. This is a great collection of images, not just for lovers of the sea, but also for fans of symbolism and landscape/documentary photography.



EXHIBITION



Gibson Through The Lens

Until 31 January 2012. The O2, Peninsula Square, London SE10 ODX. Tel: 0208 463 2000. Website: www.britishmusicexperience.com/gibson-through-the-lens. Open Mon-Sun 11am-7.30pm. Admission free

GUITARS are one of those objects that probably collect dust more than any other item lying around the home. Most of us go through a guitar phase, which finds us learning the basic chords and then cursing the skies when our fingers blister. At least that's my experience. But if this exhibition doesn't inspire you to pick up the axe again, nothing will. The show



contains 60 vintage and rare photographs all with one common theme: each of the performers featured is wielding a Gibson guitar and wearing trousers far too tight for men of their advanced years. There's a wide range of images on display. Included in this Gibson hall of fame are the likes of Sir Paul McCartney, Johnny Cash (above left), Jimi Hendrix (above right), Jimmy

Page and Keith Richards, photographed by some of the biggest names in music photography, including Mick Rock and Ross Halfin. The exhibition is a great opportunity to enjoy some first-rate photographs and revel in the craftsmanship of these fine instruments seen in the hands of the people who persevered through the blisters.

Man Ray

By Guido Comis and Marco Francioli, Skira, £45, 328 pages, hardback, ISBN 978-88-572-0974-6

ANYONE with even a passing interest and understanding of the history of photography is likely to know at least one or two of Man Ray's more famous images and this book is a perfect opportunity to discover exactly why he is so important. Although Man Ray is known primarily for his contributions to the Dada and Surrealist art movements, this runs the risk of overlooking Man Ray's strength as an artist in his own right. Man Ray considered himself a painter above all else, yet his contribution to the world of photography is significant. Man Ray was an accomplished fashion and portrait photographer. He also gave the world 'rayographs', his own version of photograms. This book contains a huge selection of his work and is quite simply the best Man Ray retrospective on the market. It can be easy to skip over the essays included in many



BOOK

photography tomes, but Man Ray's life and encounters with the art world make for a fascinating story. This is great book to have on your shelf, and along with *Man Ray/Lee Miller: Partners in Surrealism* (reviewed in AP July 2) is the definitive collection of Man Ray's work.

Amateur Photographer
★★★★★



WEBSITE

www.featureshoot.com

THE CONCEPT of Feature Shoot is simple: every day (or thereabouts), blog founder Alison Zavos showcases the work of a photographer. It doesn't matter who they are or where they are from. All that matters is that they are producing thought-provoking and beautiful work. What's particularly interesting is that it puts both established and emerging photographers on an even keel. It's an excellent source of exposure for newer artists and a nice way for known names to remind everyone exactly why it is they're relevant. Zavos's love of photography carries us on a journey through Iceland, Berlin, the animal kingdom and the choppy years of playful youth. It's a real pleasure navigating through the clean layout of the pages, simply designed to allow the images to stand out. Also of note is the occasional Q&A feature, which provides an insight into the minds of some of the photographers.

Amateur Photographer
★★★★★

CONDENSED READING

A round-up of the latest photography books on the market



● **MOUNTAIN HIGH** by Daniel Friebe and Pete Goding, £20

This showcase of Europe's 50 greatest cycle climbs is nicely illustrated and packed full of information, including cycle routes, maps and descriptions of the areas featured. If you're able to work your way through this (and Simon Warren's *100 Greatest Cycling Climbs: A Road Cyclist's Guide to Britain's Hills*), then you're likely to end up with the legs of an Olympian god.



● **BORIS MIKHAILOV: I'VE BEEN HERE ONCE BEFORE** by David

Teboul, £29.95 This strange little photo-montage retrospective offers an overview of the Ukrainian photographer Boris Mikhailov, who, for the past 30 years, has taken photographs based around the idea of people living under an oppressive regime. The full-bleed images can be overwhelming at first, but once your eye settles into a comfortable rhythm of scanning the pages you may find yourself lost in Mikhailov's documentary world. Not for the faint-hearted.



● **MORE FOOD STYLING FOR PHOTOGRAPHERS AND STYLISTS** by Linda Bellingham,

Jean Ann Bybee and Brad G Rogers, £24.99 You haven't lived until you've seen an image of someone using a power drill to drive screws into a pizza so it doesn't move on the table when taking a photograph. That's just one of many tips on improving your food photography included in this actually quite excellent book.



● **PRIVATE PICTURES** by Janina Struk, £14.99 This interesting book may be a little short on pictures, but the real pleasure is in the text. This book delves into the stories behind the images taken by the soldiers themselves, from the Boer Wars to the 21st century wars in Iraq and Afghanistan.

Letters

Share your views and opinions with fellow AP readers every week

LETTER OF THE WEEK

Wins a 20-roll pack of 36-exposure Fujifilm Superia ISO 200 35mm film or a Fujifilm 4GB media card*



FUJIFILM

SIMPLE SOLUTION

I have enjoyed taking photographs for about 50 years. These days I shoot exclusively with digital cameras and have often thought about buying a few (very expensive) ND filters.

However, there may be a simple solution that does not appear to have been raised by anyone. Sensors are continually being upgraded with higher sensitivity/ISO settings, so why can't sensors be designed with lower sensitivity/ISO settings? The result would be no more filters required, no more expense – and heaven for landscape photographers.

Trevor Banham, Kent

You're a genius, Trevor. I shall make a point of asking manufacturers this from now on – **Damien Demolder, Editor**

Write to...

'Letters' at the usual AP address (see page 3) fax to 020 3148 8130 or email to amateurphotographer@ipcmedia.com

*Please indicate whether you would like to receive Fujifilm film or a memory card (please state type preferred) and include your full postal address

Backchat

Send your thoughts or views (about 500 words) to 'Backchat' at the usual AP address (see page 3). A fee of £50 will be paid on publication

LESSON LEARNED

As someone who normally avoids lugging around a tripod at all costs, I had an eye-opening experience recently. The Panasonic Lumix DMC-FZ50 that I bought on eBay features what I thought was a fail-safe image-stabilisation system, so I took it on holiday when I spent a week camping in Devon.

When using the 35–420mm lens at the long end, sharp images (at ISO 100) were almost impossible due to camera shake despite using image stabilisation. Given that the camera boasts a highly praised Leica lens, I was somewhat miffed. After all, what use is such a long zoom if sharp images aren't possible with image stabilisation?

'Leave it to the expert,' said my husband.

He secured the camera to his hefty Giotto's tripod, switched off the image stabilisation and pointed the camera at a Land Rover parked in a nearby field. Using the lens at full stretch, he set the aperture to f/8, set the self-timer and pressed the shutter.

The result was a superbly sharp image of the Land Rover, which proved in an instant just why that Leica lens is so highly regarded. I now use the tripod every time I want a long shot and set the camera to f/8, which my clever-dick husband informs me is the 'sweet spot' of the lens.

The result is that I get a pin-sharp image every time. Given that image stabilisation in digital cameras can be rather ineffective at the extreme end of a powerful zoom, I wonder how many photographers –

bewitched by image stabilisation – may think that their lens is somehow at fault!

I've now come to accept that a tripod is an essential addition to every serious photographer's kit. Incidentally, I had my local camera store check out the FZ50's image stabilisation and it's working fine – until, that is, you attempt to handhold a shot at 420mm. Lesson learned!

Sarah Osborne, Tyne and Wear

Tripods are a girl's best friend! – Damien Demolder, Editor

NEW LEASE OF LIFE

I read with interest Nick Woodrow's letter (AP 12 November) about fitting a digital sensing unit inside a 35mm film camera. I have been wanting someone to design something like this for a long time.

I would like a full-frame sensor that could be fixed at, say, ISO 200 film equivalent, so all I need to do is set the shutter speed, then manually adjust the aperture and focus using the images in the viewfinder, as I did using film. Then I could use either my fixed or telephoto lenses as necessary.

Any image processing could be done via computer software. I am sure the variation in distances between the film-canister compartment and gate could be catered for without too much difficulty by supplying the units in kit form. Obviously, the camera manufacturers wouldn't want to offer such devices as they would have an impact on the sales of new cameras. I feel modern DSLRs are far too complicated, too bulky and have far too many options.

MJ Burrows, via email

You can use a DSLR in manual mode and shoot in raw. This will deliver the same user experience you crave and, in a compact system camera, with less bulk – Damien Demolder, Editor

DEMISE OF THE 'PROPER' VIEWFINDER

I have finally joined the ranks of the DSLR brigade, having spent some years searching for an economical, versatile compact digital camera. My problem has always been with the lack of a conventional viewfinder. I have owned Fujifilm bridge cameras with electronic viewfinders, but the experience has not been really satisfactory. The range of compacts with 'real' viewfinders is now small, and they all seem to be around the same price as a DSLR but without the versatility.

I really cannot get used to having the LCD screen as the viewfinder, particularly in very bright conditions or when shooting handheld at longish focal lengths. Even now, most photography guides for DSLR cameras recommend the traditional method of holding the camera for best results, which means cradling it in the left hand, the right hand gripping the camera with forefinger on the shutter button, elbows pressed into the sides, feet apart and then squeezing the button. So how on earth is one supposed to have any kind of stable grip with a camera that has to be held with the arms extended

What The Duck



<http://www.whattheduck.net/>



NOT WELCOME IN CHURCH

A few weeks ago I went with my friend to photograph some derelict buildings, as I find them interesting. We had a great morning's photography, and on our way home we came across a sign that stated '12th century church, medieval stained glass, Lord Tennyson was married here'. As we both love photographing old churches we decided that, if the door was open and it wasn't in use, we would spend half an hour inside the church capturing the sun streaming through the glass.

We had only been inside the church for about 15 minutes when the vicar turned up. I won't go into all the details about how he treated us, but I will say he told us to delete our images (we didn't), shouted at us and then ordered us to leave his church.

Now I have taken photographs in cathedrals, minsters and small rural churches before, and have never been treated like a criminal just because I was taking a photograph of someone's craftsmanship. It upsets me that something I have loved doing has now made me question whether I want to visit these wonderful buildings. As far as I was aware, churches are for the people, and the fact that I was thrown out of the church upsets me and makes me angry. I just hope that no one else is unfortunate enough to try taking photographs in this church near Henley-on-Thames in Oxfordshire.

Above is a photograph of one of the derelict buildings that we visited on our day out.

Rachel Cheer, Berkshire

There is no need for that sort of misery, especially when the church is trading as a tourist attraction. I wonder what Tennyson would have said. Something in iambic pentameter, no doubt! – Damien Demolder, Editor

away from the body, squinting against bright sunlight and often with little lens extension with which to grip with the left hand?

The 'standard' grip now seems to be with the elbows as far from the body as possible and arms outstretched. It appears to rely on the camera having some kind of in-built image stabilisation. Surely the cost of this must approach that of including an optical viewfinder.

I am not saying that I have been forced to buy a DSLR because of this, as I intended to buy one anyway for the increased sensor size and quality, but the choice has actually been removed from me by manufacturers that no longer add 'proper' viewfinders.

Maybe it's just me, and viewfinders are now passé, but it would be marvellous to have a compact digital camera I could slip into my pocket and still use with my tried-and-trusted stance without having to break the bank to purchase it. I'll just have to carry on using my old Yashica zoom 35mm compact.

Sam Evans, Staffordshire

THE GOOD OLD DAYS

The other day I was thumbing through some old copies of AP from the 1960s and '70s. I recalled the joy of looking at the latest film-camera bargains from long-defunct chains like Fotovalue and Photomarkets. British cameras like Reid and Microflex were still available from specialist retailers, albeit from 'special purchases' of bankrupt stock. However, what was most nostalgic, and perhaps a little sad, was the widespread use of photos of 'bathing beauties', children at play, street and shopping scenes, and public attractions that are no longer deemed politically correct.

It seems that nowadays, it would probably be difficult to take such pictures in the open without a confrontation with a 'jobsworth' demanding ID and wishing to confiscate the camera. When did being a bona fide amateur photographer equate to being regarded with deep suspicion? I suppose the advance of digital technology and the almost instant propagation of doubtful images around the world has been the death knell of a once genuinely innocent hobby.

Philip Wills, via email

The situation is much less severe now, Mr Wills. You can shoot away in most places without fear – Damien Demolder, Editor

SNEAK PHOTOGRAPHY

There seems to be a trend emerging in recent issues of AP. I noticed it first with the winner and runner-up of the EISA Maestro awards (AP 17 September), with the shots having been taken abroad, and then in a number of reader galleries that featured photographs taken in India.

What they have in common is that they are all pictures of people. Some are posing for the camera, while others are going about their business seemingly unconcerned about its presence. Conversely, shots taken in Britain feature landscapes, lakes with rocks, buildings and flowers. Years ago it was said some African tribe members refused to be photographed because they believed it took away their spirit. Nowadays it seems it's the tribes who are willing to be photographed and the British who are losing their spirit. It's a sad time for Britain when photographers wishing to take shots that include people have to resort to 'sneak photography'.

Melvyn Dover, Dorset

BACK CHAT

AP reader Eric Malik asks whether there's a new respect for photography in public places

PHOTOGRAPHY'S role in bringing rioters and looters to justice during the August riots marked an important advance in public safety, but does this mean that police and local authorities will reassess their street clampdowns on photographers in quieter times? Suspicious behaviour that is dealt with by anti-terrorism rulings are clearly different from outbreaks of lawlessness, such as the recent riots as witnessed in the 'grab-what-you-can' culture shown by feral youths.

Arrests and court convictions owe much to law-abiding citizens submitting still and moving images of criminal acts in progress, a fact applauded by the police who were caught flat-footed in more than one area. The benefits of technology in mobile phones, for example, paid dividends through subsequent identification of suspects. Street-based closed-circuit television has also improved the chances of capture, although some of the scenes were sickening, particularly when one victim was supposedly being helped by onlookers only to be robbed as he was lifted to his feet.

Police appeals for extra visual evidence are understandable. There were so many areas of mob violence that it would have been impossible to apply control across fragmented districts under attack. Those innocent bystanders carrying cameras or mobile phones were at some risk themselves and could easily have been swept into a net of misconduct by mistake. Local news coverage showed one camera crew under physical attack, which resulted in damage to their equipment.

In a few months' time there will be serious questions to answer about the dichotomy of police support on one hand and their clampdown of photography in public places on the other. Clearly, it is wrong to mix terrorism and rioting in the same criminal category and apply common measures, but there has to be recognised boundaries for taking pictures in public places if the authorities want to harness the goodwill of law-abiding people when situations become nasty.

The police have a much tougher job now to ensure confidence is restored in their ability to maintain control in affected neighbourhoods. Winning hearts and minds takes time and not everyone will be convinced that recent events are simply a one-off. The 'what if...' scenarios are uppermost in the thoughts of many households and the social impact will be clear if people cannot go about their daily routines in safety. The fear of any repeated rioting will become deeply embedded unless actions are swift and positive.

Photography has earned a new respect in some instances because without it the lawless minority might have escaped any due punishment in the courts.

Taking a more enlightened approach to photography's use in other public settings needs to show balance. Any failure here might see a turn in attitude the next time a breakdown in order occurs.

PHOTO INSIGHT

BRINGING
YOU ESSENTIAL
EXPERT ADVICE
EVERY WEEK



HEATHER ANGEL

An internationally renowned photographer of the natural world and author of more than 50 books, Heather brings her expertise to AP

Heather Angel explains how she took her studio shot of a puffball fungus releasing a cloud of spores into the air

WALKING through a woodland area is truly one of the most magical things you can do as a photographer. The things you can find there are extraordinary, and when you're able to accurately represent them through the lens of your camera you're left with unique and fascinating shots. The image here is one such example. There have been a handful of occasions when I've been scouting for images in a forest and witnessed the effect you see in this photograph, but it has always been far too quick for me to capture.

The unusual object in the frame is a puffball fungus on top of a log. The cloud you see emanating from the hole is a cluster of spores. Unlike plants, fungi don't have seeds. Instead, they have spores, so that means the fungi need a means of dispersing those spores to create more fungi. What normally happens is that when rain falls, the slight pressure of raindrops on the surface of the fungus causes the pod to evacuate its spores, shooting them into the air. Animals running around in the forest and knocking the fungi have the same effect. The spores are microscopic, yet there are so many that they form a cloud. Now obviously not all spores succeed, which is just as well because otherwise we'd be knee-deep in puffballs!

As well as relying on the spores to be picked up in the breeze and carried away, some will become attached to the legs of small mammals and insects as they move around the ground. They will then transport the spores to other areas of the forest. It's all about attempting to transport the spores away from the parent fungus and spreading

them across the environment.

This particular shot was actually taken in a studio environment. I managed to collect the log with the puffball intact. Had I removed the fungus from the log it wouldn't have looked quite as good and I probably would have ended up ruining it. Being able to photograph the fungus in the studio environment meant I had total control over what happened and I could carefully arrange the lighting and background, which in this case is black. I think the black backdrop really helps to show the fungus and its spores to best effect. Had I taken this shot in the natural environment, I would have had to contend with a mixture of twigs and leaves cluttering up the background. Crucially, that would have meant losing much of the detail of the spore cloud.

I should point out as a side note that not removing the fungus from the log also meant I was able to return it to the woods where I found it. That's something you should consider when working with subjects like this. If at all possible, you should always return your subjects to their original locations.

Once I had moved the fungus and log into the studio, my husband slowly dripped water droplets onto the surface of the fungus. That was enough to coax the fungus into action and release its spores into the air.

If you look at the picture closely, you should be able to see how I've lit the log and fungus. You'll see that the fungus is rimlit around the edge, demonstrating that it has been illuminated primarily by two light sources coming in from behind at about 45°. As I'm pointing the camera straight

at the subject, I couldn't have the flashes directly behind it because it would cause flare so I had to have them coming in at an angle from the left and right. This type of lighting also brings out the fascinating texture of the log, which is a nice contrast to the fungus. The texture of the log along with the pimpled surface of the fungus go to show that nature can really offer up some beautiful contrasts.

What's great about a photograph like this is that you can take a number of photographs and every shot will be unique because the spore cloud will always be different. There will come a time when the fungus is too wet or you've exhausted all the spores, but even so you should be able to get several images from one session.

A lot of the shots featured in my *Photo insight* articles are digital images, but this one was taken on film using a Hasselblad camera with an 80mm lens, which is a standard focal length for a medium-format camera. I attached a 21mm extension tube so I could get in a bit closer and drink in the wonderful details of the fungus.

I used to show this picture in lectures and on one occasion I did a talk at a camera club. Afterwards a woman approached me and said that she knew exactly how I took this image. She said that I had obviously pushed something up the stem and then puffed it out. I had to point out to her that doing such a thing would completely destroy the fungus and that all I was doing was demonstrating something that occurs naturally every day. Nature is full of little events like this. You just have to keep your eyes peeled. **AP**

To see more images by Heather, visit www.heatherangel.co.uk or www.naturalvisions.co.uk. Heather regularly runs workshops at the British Wildlife Centre. For information on courses run by Heather and her son Giles, visit www.photographyandphotoshopcourses.co.uk





Start your EOS adventure this Christmas



EOS 600D

Magic moments, perfectly captured. Big events, in HD. And a range of high performance models to make it a very happy Christmas, whether you want a feature-packed point-and-shoot, a flexible compact, or a top-of-the-range DSLR. Quality, innovation and year-round passion, from Canon.

Canon
OFFICIAL SPONSOR



The UEFA EURO 2012™ official logo is protected by trademarks, copyright and/or design. All rights reserved.

* Cashback T's & C's can be found at canon.co.uk/wintercashback



£50

Cashback*
EOS 600D

TAMRON

UP TO **£50 Cashback***

5 Year
WARRANTY



Claim up to £50 on selected Tamron Lenses

Now's the time to choose TAMRON



£20
CASHBACK
on this lens

11x
ZOOM

**AF 18-200mm
f3.5-6.3 XR Di II LD**

Compact and
cost effective
high powered
Zoom Lens



£30
CASHBACK
on this lens

**SP-AF 70-300mm
f4-5.6 Di VC USD**

XLD lens element,
VC image
stabilization
and USD.



£50
CASHBACK
on this lens

15x
ZOOM

**18-270mm
f3.5-6.3 VC PZD**

The world's
lightest, most
compact 15x
DSLR Zoom Lens



With up to £50 cashback and a 5 Year Warranty, there has never been a better time to choose an award winning Tamron lens.

Cash Back offer details: Cash back offer valid for purchases from 15th Oct 2011 to 15th January 2012.

For full details and terms & conditions of our claim back offer visit: www.intro2020.co.uk

To claim; send by post: **1:** Copy of your receipt as proof of purchase, including date of purchase and full dealer details.

2: Lens details including type, camera fitting and 6 digit serial number.

3: Your full contact details including full address, postcode, tel number, email address (if applicable) plus the name to go on Cashback Cheque.

Post to: Intro2020 Promotions, Priors Way, Maidenhead, Berkshire. SL6 2HP Email: promotions@intro2020.co.uk

Claims must be received by 30th January 2012.

To make a claim, your lens must be purchased from an official UK Tamron Dealer, sourcing from official UK import channels. *Cashback on featured lenses only. E&OE. 2011



AUTHORISED TAMRON SUPER STOCKISTS

Bristol Cameras • Cambrian Photography • Camera Centre Cardiff • Camera Solutions
Cameraworld Ltd • Carmarthen Camera Centre • Castle Cameras • Clifton Cameras
Conns Cameras • Devon Camera Centre • Digital Depot • Jacobs Digital Photo & Video Ltd
Jessops • London Camera Exchange • Mifsud Photographic • Morris Photographic Centre
Melgray • O'Learys Camera World • Pantiles Cameras • Park Cameras • S.R.S. Micros
Walters Photo Video • Warehouse Express • Wilkinson Cameras

Plus Other Fine Camera Stores

Intro 2020 Ltd. Priors Way, Maidenhead, Berkshire SL6 2HP
Tel: 01628 674411 www.tamron.co.uk

TAMRON

New eyes for industry

Jack's winning shot, 'Sky Blue Drops', from AP's monthly online forum competition

Small wonders

Jack Hood is just 18 years old, but already he has established himself as a macro photographer to be reckoned with. He talks to **Oliver Atwell** about his work

ALL PICTURES © JACK HOOD



MACRO photography can make the familiar look alien. This is particularly true when working with subjects in the natural world. Through a macro lens, those seemingly innocuous dandelion clocks that pepper your lawn take on the appearance of an incredible abstract landscape.

Eighteen-year-old Jack Hood has made a bit of name for himself on various online forums, particularly AP's monthly forum competition, where he was awarded first place in July for his shot 'Sky Blue Drops' (see page 21). Jack's masterfully executed photographs feature the kind of vivid colours, sharp focus and beautiful lighting that would make anyone practising macro photography green with envy.

Jack is currently living in Slough, Berkshire, where his day job as an IT apprentice supplements his photography work.

'Like a lot of keen photographers, I have to fit my photography around my day job,' says Jack. 'Photography is something I do in my spare time. Of course, the dream is that one day I'll be able to do it full-time.'

Jack's interest in photography started

around three years ago, when he acquired his first camera, a Fujifilm FinePix S1500. His initial shots featured his friends and family, but then one day he began taking pictures of his back garden and in the woods near his home.

'In the beginning, it was just a matter of shooting what looked interesting to me,' says Jack. 'I suppose I had a bit of a magpie eye when I first started taking photographs. I was doing an art A-level at the time and the course had a heavy emphasis on photography. It not only encouraged me to get out and shoot more, but it also showed me how important it was to identify exactly what it was that I wanted to shoot. The theme that I ended up tackling on the course was the natural world. I felt a real connection with the things I was shooting and it felt right working with the subjects I was dealing with.'

Jack's affinity with photography swiftly grew and he soon realised the inherent possibilities of such a creative medium.

'Photography for me is about taking something that we see every day and

revealing the aspects of that subject you *don't* see,' says Jack. 'Through photography, you can take a common scene and turn it into something extraordinary. We spend so much of our lives walking around with our heads down and tuned out of the environment. I suppose photography reveals the scenes and details in our ordinary lives that we take for granted.'

Jack's initial experiments were in some ways hampered by the limits of his camera.

'I had a lot of ideas in my head, but lacked the technological means to realise them,' says Jack. 'It was frustrating initially, but as I began understanding how photography worked and how the technology functioned I was slowly able to start bringing the images in my head to life.'

It was around 18 months ago that Jack won a Fujifilm FinePix S200EXR bridge camera in a competition. He then bought a Raynox DCR-250 macro converter, a 'clip-on attachment' that fits onto the end of a lens and turns your standard lens into a macro optic (see right), and since then he has spent his time exploring the parameters

Above: 'Flower Refraction'

Fujifilm FinePix S200EXR, 101.5mm, 1/180sec at f/5.3, ISO 100





Top right:
'Green Drops'
Fujifilm FinePix
S200EXR, 77.4mm,
1/180sec at f/4.9,
ISO 100

Above right:
'Dandelion Dew'
Fujifilm FinePix
S200EXR,
101.5mm, 1/180sec
at f/8, ISO 100

of macro photography in the natural world. 'Macro soon became my favourite type of photography,' says Jack. 'Being able to get that close in to a subject fascinated me. I spent a lot of time online getting inspiration from other photographers. That meant I could go out with all these things in my head and use what I'd seen as a platform to develop my own ideas.'

Using macro, Jack was able to take his ideas of using photography to show the everyday world in a new light even further.

'A blade of grass is something we see all the time,' says Jack. 'When you get right in and begin to explore the fine details of an object, you start to understand how alien our everyday world is to us. There's a lot of stuff that's too small to be seen with the naked eye. A macro lens can allow you to revel in those strange details.'

COLOUR AND LIGHT

Looking through Jack's images, one of the most striking aspects is his use of colour. His eye for vivid tones, such as bright yellows

and cool blues, is evident throughout many of his shots.

'Colour is the first thing I look for in a subject,' says Jack. 'It can often be difficult to spot interesting details and textures as you don't really know what you're going to get until you take the photo, but colours always stand out. It's those vibrant shades and tones that make a photo. That's not to say I won't work in black & white, though. I have taken a few monochrome shots (see above and page 24), and when you're shooting something like a dandelion clock you're faced with a real monochromatic subject. These are two extremes – bright primary colours versus a complete lack of colour.'

Jack admits that working with vibrant colours was a deliberate strategy to make his images stand out from the hordes of other macro work populating the web.

'The important thing is that my work jumps out at you,' says Jack. 'People will always be attracted to colour. Then, once they've absorbed the colour, they begin to delve a little deeper and absorb the details and textures of the subject.'

'As you're getting in quite close to your subject you need to keep the light quite soft and spread out, otherwise it's too harsh and can blast out the details of the subject'

Until around three months ago, Jack was working exclusively with natural light. But since buying a small flash unit – a Metz 20 C-2 – he has found that having a controllable light source has taken his imagery up a notch.

'I've been using flash more and more,' says Jack. 'It makes it a lot easier to capture the reflections on the water droplets. Crucially, being able to position the light where I want it means I can use it to make the image a little more three-dimensional.'

Jack says it's important to keep the light diffused when taking macro shots.

'As you're getting in quite close to your subject, you need to keep the light quite soft and spread out, otherwise it's too harsh and can blast out the details of the subject,' says Jack. 'I keep meaning to buy myself a small diffuser, but oddly enough I've found that just putting a bit of kitchen roll over the flash head does everything I need it to. It really softens the light in the image and gives you an even distribution of illumination.'

However, that doesn't mean natural light is not without its virtues.

'If I'm going to use natural light, I generally find that winter isn't the best time to take shots like these, at least not for the images I'm trying to achieve,' says Jack. 'The colours are quite dull and the light is rather flat. My favourite time of year to shoot is in spring and its transition into summer. Everything really comes to life then. All the new flowers and plants start appearing and colours pop up all over the place. That sort of light is perfect. Autumn has its own unique qualities as well, especially on a nice morning when you get those beautiful oranges.'

WORKING WITH WATER

Water droplets feature a lot in Jack's work, and it's a natural detail he is able to use creatively within his images.

'The minute fragile nature of things like water droplets and dewdrops are fascinating to see,' says Jack. 'An idea I began experimenting with quite early on was employing these droplets as lenses within the image. Then you've got two photos in one. You've got the small water droplet hanging off of a leaf and then you have that same droplet either reflecting what's going on around it or magnifying an object that is sitting directly behind it.'

'There's a lot of experimentation involved in these shots,' continues Jack. 'You have to rely on the fact





Left: 'Dew at Sunset'
Fujifilm FinePix S200EXR, 56.2mm, 1/80sec at f/8, ISO 100

different focus distances on top of each another. The result is an image that has a greater depth of field.

'Focus stacking can be a bit of a godsend when photographing water droplets,' says Jack. 'If you have an object behind the droplet, your first photograph should be of the droplet. Then you focus on the object that is behind the droplet and use software to blend the two images together. That's focus stacking in a nutshell. It's a great effect. It can be incredibly difficult getting the two plains in focus, so focus stacking is something people should seriously consider if they want to attempt these kinds of shots.'

MOVING ON UP

Incredibly, Jack has managed to win another camera in a competition – a Nikon D3100 DSLR – although he still has a soft spot for his Fuji bridge camera.

'I've had time to get to know the bridge camera,' says Jack. 'It's become my third eye. I understand exactly how that camera works and I can previsualise the shot before I've even taken it. Perhaps in time I'll get used to working with DSLRs.'

Jack has now set his sights on moving his photography in a different direction – towards landscape pictures.

'If I'm being honest, my reasoning is that I'm not sure if there's a lot of commercial demand for macro imagery,' says Jack. 'I could be wrong, but I'm trying to think logically and seriously about how I can make a real career out of my photography. That's why I'd like to make the leap from one extreme to the other – from macro images to landscape pictures. There's a much bigger market for landscape photography, but I'm going to keep working with macro for now. My macro images have been really well received and everyone's been so nice about them. It feels pretty good.'

Below: 'Dandelion Drops'
Fujifilm FinePix S200EXR, 66.3mm, 1/120sec at f/8, ISO 100

that the water droplet is going to stay in place, which can be particularly difficult when you're on location and the conditions are a little blustery.

While there are a lot of occasions when I'm discovering natural dewdrops – I work a lot in the morning when dewdrops occur most naturally – there are times when I put the water on the flower myself. That allows me to find exactly the right subject to work with and place the droplets as I want them.'

Getting such small parts of a plant in focus must be hard enough, but the fact that Jack is also able to get his droplets so sharp within the image is even more impressive.

'I always use the manual focus function on my camera,' says Jack. 'I started to do this because the autofocus on the camera I was using wasn't quite up to standard. But that then forced me to develop a keen eye for getting my images as sharp as possible without relying on the camera.'

Another method Jack uses is focus stacking, a post-processing technique that involves layering several images taken at



OLYMPUS PEN
New Generation System Cameras

INDEPENDENT

The new PEN family makes you more independent than ever. Experience SLR image quality with the world's fastest autofocus* in a small and light body, with Full HD Movie, even more creative options and a full range of interchangeable lenses. WWW.OLYMPUS.CO.UK/PEN

> PEN - SEE THINGS YOUR WAY.

PEN mini

PEN Lite

PEN



OLYMPUS

**HALF
PRICE**
PEN MACRO
TRAVEL KIT



HAVE PEN, WILL TRAVEL. Half price PEN Macro Travel Kit for only £49 (normally £99) when purchased with any PEN camera** at authorised stockists. Kit contains PEN Street Case and MCON-P01 Macro Converter. Subject to availability, ask in-store for details. Find your perfect PEN at Jessops, Currys, John Lewis, Jacobs, Amazon or search online for "Pen Elite Centres" to find your nearest PEN specialist.



SAMSUNG NX200

With 20 million pixels on an APS-C sensor, Samsung's new NX200 promises great quality in a small body

THE NX200 is the fourth model in the Samsung NX line of compact system cameras and marks a significant step forward for the brand. Not only is this model smaller and lighter than all previous NX cameras, but it is also the first to use the new Samsung-built, 20.3-million-pixel APS-C sensor with a resolution beyond that of most DSLRs.

Samsung has made improvements to the camera's image processing, as well as to its handling, with new high ISO settings and an upgrade to the iFunction menu system. In all, the NX200 presents a new level of quality and operation for Samsung, as well as for compact system cameras in general.

SAMSUNG'S OWN SENSOR

Since the first NX model, the NX10, Samsung has been using its own imaging

sensors in its compact system cameras. The APS-C-sized CMOS sensor in the NX200 sports 20.3 million pixels, making it one of the highest-resolution camera chips on the market. Being the same size as the sensors used in many DSLRs, we should experience image quality at least on a par with that which we expect from a high-end enthusiast camera.

Samsung is particularly proud of this sensor because it has been designed and built in-house, just as most of the components, from the processor to the rear screen, are sourced internally. This independence is important to Samsung, as it believes it can progress at a much faster rate without having to rely for parts and components on third-party manufacturers.

HIGH ISO AND LOW NOISE

An important aspect of the NX200 sensor is its improved noise control. This not only allows better-quality images at high ISO settings, but also enables those ISO settings to extend further than before. The NX200 boasts a top sensitivity of ISO 12,800 in a range that begins at just ISO 100. This means the camera is much better equipped for shooting in

AT A GLANCE

- 20.3-million-effective-pixel CMOS sensor
- 7 frames per second
- ISO 100-12,800 (expandable to 25,600)
- 1080i HD video
- Easy control via iFunction II
- Eight lenses in the Samsung NX range



low-light conditions. Noise reduction in this new sensor starts at pixel level, and then continues as the image data passes through the main processor before being saved to the memory card. A redesigned micro-lens array has reduced the gaps between lenses to improve light-gathering efficiency.

BUILD AND DESIGN

A striking element of the Samsung NX200 is its solid build. Samsung has used a magnesium-alloy body shell for this camera that gives it a very rugged feel, while at the same time keeping the body light. The camera seems built to last, with nicely made dials and buttons. Unlike some other compact system models, the NX200 doesn't hide away its more manual features in long and convoluted menu pages. This camera has many standard DSLR control points on the top plate and rear panel, so that DSLR users can appreciate what the camera has to offer – as well as how to access those features. While providing such a level of advanced control, the main mode dial also caters for the complete beginner with multiple automated shooting features.

IFUNCTION II

Samsung has taken the opportunity to upgrade the iFunction system it introduced in the NX100 with the more customisable iFunction II system. In previous models, when the iFn button on the lens was



With a new image processor and a redesigned sensor, the NX200 is able to produce clearer pictures at high ISO settings. This shot, taken at ISO 1600, displays very little noise considering the very limited lighting conditions of the scene



pressed, all the possible adjustable options appeared on screen for the user to scroll through. In this new generation of iFn, users can access a custom menu to select which of the functions will be on show when that magic button is pressed. The iFn button makes accessing the camera's features very quick and easy, with a simple graphic interface that anyone can understand.

LENSES AND SYSTEM ACCESSORIES

Alongside the NX200, Samsung has introduced four new i-Function lenses to expand its optical range to eight models. The smallest of the new optics, and that which suits the NX200 best, is a 16mm f/2.4 wideangle pancake that provides an angle of view equivalent to a 24mm lens on a full-frame system. To complement the company's new HD movie mode, there is an 18-200mm zoom lens that features a silent focusing system that won't spoil the audio of your recordings. For professional-looking portraits, a super-wide-aperture 85mm f/1.4 lens has been announced, and macro fans will be pleased to see a 60mm f/2.8 optic capable of 1:1 reproduction. The 60mm focal length on the NX200's APS-C-sized sensor acts just like the old favourite 90mm did in the film days.

These lenses complement the existing 20mm f/2.8 and 30mm f/2 pancakes, the 18-55mm f/3.5-5.6 ED OIS II standard zoom as well as the EISA-award-winning 20-50mm f/3.5-5.6 ED compact zoom that already exist.

The NX flash range now comprises three units, with guide numbers from 15 to 42m, while a GPS unit encodes your position into your pictures as you take them. Samsung also has a range of polarising and neutral density filters.



The new optical additions to Samsung's NX range include a 60mm f/2.8 macro lens for 1:1 shooting. As the focal length on the APS-C sensor is effectively 90mm, it makes an excellent portrait lens too

Word associations



Jimmy Symonds spent many months meticulously researching new words that entered the English language in each year of the 20th century, and illustrating them with his photographs. He tells **Gemma Padley** how the project came about and explains the appeal of mixing words and images



IN ONE image, a row of chairs sits curiously empty. In another photograph, an elegant lady wearing sunglasses perches haughtily in a chair. Meanwhile, a third picture shows a naked lady paddling in the sea with her back to the viewer. These photographs and others are the handiwork of Jimmy Symonds, and are the basis of a unique, innovative project exploring the relationship between words and images.

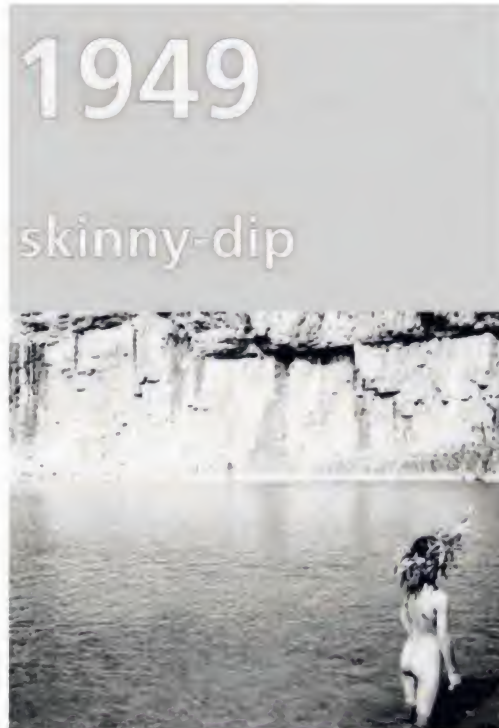
In October 2010, Jimmy, who studied English literature and primary education at Cambridge University, and went on to complete an MA in photography at the Royal College of Art, had a novel idea. He decided to research words and phrases that had entered the English language for each year of the 20th century, and then marry these phrases with images from his archive.

The result is 100 black & white images, with accompanying words and dates, that were exhibited as part of the centenary celebrations of the Oxford English Dictionary (OED) at the October Gallery in central London in August this year. The image-text combinations were presented in a series of ten handmade concertina-style books (see image on page 30), one for each decade of the 20th century.

'The idea for the project came from my fascination with words and dictionaries,' says Jimmy, who lives in Oxford. 'I was drawn to the structures of new words that were being added to the dictionary each year and wanted to draw parallels with the photographs I had been taking. I wanted to use the structure of language to bring together different types of photographs.'

THE PROJECT

Working on the project from October 2010 to May 2011, Jimmy tirelessly compiled list upon list of new words and phrases,



'I was drawn to the structures of new words that were being added to the dictionary each year'

sometimes several per year, which he gradually whittled down until he had just one for each year. For example, the word or phrase for 1932 was 'VIP', for 1949 'skinny-dip' and for 1951 'game theory'. The final selection consisted of words he felt had a particular resonance, were dynamic or that could be illustrated in a vibrant, perhaps humorous way.

Once Jimmy had his collection of words and phrases, he selected a number of images that sat well with each phrase before settling on a final image. Rather than going out specifically to take pictures, Jimmy raided his photographic archive, carefully selecting images he felt would fit with each word or phrase. With his research complete, he locked himself away for several months and set to work combining the words and images, scanning the negatives and printing them onto Hahnemühle fine-art paper and producing his unique photobooks by hand.

'There are hundreds of new words that enter the English language every year,' says Jimmy. 'Going through these words was a long process as the Oxford English Dictionary stretches to many volumes! I went through each year of the 20th century and every time I found a word that I thought could be illustrated in some way, I wrote it down. I then sorted through several years' worth of negatives, many of which needed scanning, keeping in mind the words I'd chosen as I was going through. It was a continuous editing process.'

COMBINING WORDS AND IMAGES

At work here is a creative mind with a penchant for wordplay and a fascination for combining words and images for comic or thought-provoking effect. Jimmy's chosen image for 'problem child', for example, is two children sitting with folded arms in tantrum-mode, while for 'one-parent family' a child rests its head on the mother's lap. This unique, often humorous juxtaposition of words and images may sound bizarre to some, but the



Opposite page:
1954 – Non-event

Above left:
1949 – Skinny-dip

Above right:
1966 – One-parent family

Left: 1951 – Game theory



final body of work is an impressive collection of text and image 'panels' or units that are visually engaging, enlightening and highly entertaining.

Each carefully constructed panel consists of an image, word/phrase and date, neatly placed together. The image-text panels work as single entities, but also as a series, with the dates providing a useful chronology, neatly linking each image-text panel with the one before and after it. Whether you read the caption or look at the image first, these image-text combinations provide a unique insight into the origins of some of the most widely used words in the English language, many of which we take for granted.

'I wanted to evoke a range of emotions – to create associations that would be funny, touching or unsettling,' says Jimmy. 'Words

Above: 1919 – Problem child



have multiple meanings, which change over time, but I've chosen a particular moment of that word to illustrate with a picture.'

STRUCTURED APPROACH

'One of my main interests is combining different forms, in this case, words and images,' says Jimmy. 'I like to have a structure to work to. Working to this idea of one phrase per year for the past 100 years provided

a useful framework. It gave the project focus and shape. Having the [chronological] structure allowed me to place images together that I couldn't have otherwise.'

Photography is as much a science as an art and [lends itself to a methodical way of working], he adds. 'I walk around with a camera all the time, taking pictures of things that interest me,' he continues. '[The act of taking pictures] is completely chaotic in its own way and I wanted to find a way to create structure from the chaos – to find a new way of connecting unconnected things.'

THE PICTURES

The photographs in the project were taken between 1994 and 2010, with locations ranging from Lincolnshire to Jakarta, Indonesia. Jimmy's subjects include

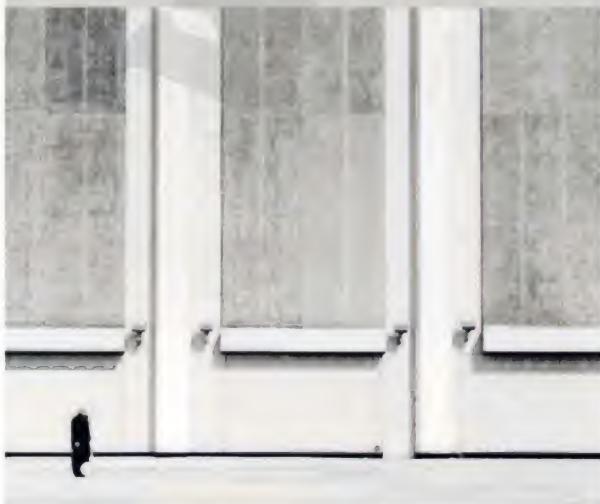


Right: 1932 – VIP

Below: 1905 – Depersonalization

1905

depersonalization



individual figures, children playing cricket on a beach or locked in concentration playing a board game, sparse unpeopled scenes and empty landscapes. Often choosing to look beyond the obvious, Jimmy endeavours to seek out areas less explored, such as places on the edge of the city. Quite often, his images isolate part of a scene and in doing so create an uncanny feel, causing the viewer to look twice at what he or she is looking at.

'I like humour and strangeness, ghostliness and eeriness,' says Jimmy. 'I enjoy creating images that have a poetic feel to them. You don't have to go to somewhere unusual to take an amazing photograph. You can go to an ordinary place and capture something really interesting. I made a decision early on not to include any colour images in the project,' he adds. 'The beauty of black & white is being able to create a sequence that doesn't jar. I felt that by including colour, it might have a jarring effect.'

WORDS AND PICTURES

The images, while eye-catching in their own right, take on far greater significance when shown alongside words and phrases. For example, in one image a small figure stands in the corner of the frame, dwarfed by the empty, unwelcoming surroundings. Interestingly, Jimmy chose to couple this image with the word 'depersonalization,' which is associated with a 'loss of identity'

and feelings of 'unrealness' or strangeness. The combination of word and image is powerful and haunting, each reinforcing the impact and meaning of the other.

Jimmy took his images with several cameras, including a Leica M6 with a 50mm lens, a Pentax 67 with a 90mm lens, a Nikon F3 with a 50mm lens and a Hasselblad. When producing the books, Jimmy chose to print the images fairly small to allow room for the text. Deciding how much weight should be given to the text and image was a conscious decision.

'The images could be shown larger, but for this project the text is really important,' he says. 'I wanted to make sure there was a good balance between the image, the text and the date.'

For some people, the inclusion of text alongside an image enhances the visual experience, but for others it can detract from the picture. In a way, the text is another way of 'reading' the image. It provides another layer of meaning.

'You can "overdo" the text, but it depends how it is done,' says Jimmy. 'I've taken a mathematical, minimalist approach. People looking at these images and word combinations might interpret them in completely different ways. My aim is to show my own interpretation of my images.'

To see more of Jimmy's images, visit www.jimmysymonds.com

Grays of Westminster

Exclusively... **Nikon**



Nikon 1 V1

THE HOUSE OF **Nikon**

WANTED FOR CASH: **Nikon**

We are always seeking mint or near-mint examples of Nikon equipment: Digital & Film SLRs, Nikkor Lenses: autofocus & manual focus

We also take in certain non-Nikon, such as Leica (M-only), Hasselblad and Rolleiflex.

Please telephone

☎ 020-7828 4925 for our offer



0% OR LOW INTEREST FINANCE

No deposit Required

☎ 020-7828 4925

For full details



NIKON DIGITAL CAMERAS

Nikon D3x SLR body.....	£5,050.00
Nikon D3x + AF-S 14-24mm f/2.8G IF-ED Kit.....	£6,360.00
Nikon D3x + AF-S 24-70mm f/2.8G IF-ED Kit.....	£6,270.00
Nikon D3x + AF-S 14-24mm & 24-70mm f/2.8G Kit.....	£7,580.00
Nikon D3s SLR body.....	£3,550.00
Nikon D3s + AF-S 14-24mm f/2.8G IF-ED Kit.....	£4,860.00
Nikon D3s + AF-S 24-70mm f/2.8G IF-ED Kit.....	£4,770.00
Nikon D3s + AF-S 14-24mm & 24-70mm f/2.8G Kit.....	£6,075.00
Nikon D700 SLR body.....	£1,825.00
Nikon D700 + AF-S 14-24mm f/2.8G IF-ED Kit.....	£3,135.00
Nikon D700 + AF-S 24-70mm f/2.8G IF-ED Kit.....	£3,045.00
Nikon D700 + AF-S 14-24mm & 24-70mm f/2.8G Kit.....	£4,350.00
Nikon D700 + AF-S 16-35mm f/4G VR ED Kit.....	£2,670.00
Nikon D700 + AF-S 24-120mm f/4G VR ED Kit.....	£2,655.00
Nikon D700 + AF-S 28-300mm f/3.5-5.6G ED VR.....	£2,515.00
Nikon D700 + MB-D10 Grip.....	£2,050.00
Nikon D300S SLR body.....	£1,099.00
Nikon D300S + MB-D10 Grip.....	£1,349.00
Nikon D300S + AF-S 16-85mm f/3.5-5.6G ED VR DX.....	£1,560.00
Nikon D300S + AF-S 18-200mm f/3.5-5.6G VR II Kit.....	£1,730.00
Nikon D7000 SLR body.....	£949.00
Nikon D7000 + 18-105mm f/3.5-5.6G VR DX IF-ED Kit.....	£1,129.00
Nikon D7000 + 18-200mm f/3.5-5.6G VR II DX IF-ED Kit.....	£1,580.00
Nikon D7000 + MB-D11 Kit.....	£1,199.00
Nikon D90 SLR body.....	£599.00
Nikon D90 + 18-105mm f/3.5-5.6G VR DX IF-ED Kit.....	£799.00
Nikon D90 + 18-200mm f/3.5-5.6G VR II DX IF-ED Kit.....	£1,230.00
Nikon D5100 SLR body.....	£559.00
Nikon D5100 + AF-S 18-55mm f/3.5-5.6G VR DX Kit.....	£679.00
Nikon D3100 body.....	£399.00
Nikon D3100 + AF-S 18-55mm f/3.5-5.6G VR DX Kit.....	£499.00

NIKON 1 SYSTEM

Nikon 1 V1 10-30mm Kit - Black/White.....	£729.00
Nikon 1 V1 10mm Kit - Black/White.....	£789.00
Nikon 1 V1 10-30mm & 30-110mm Twin Kit - Black/White.....	£899.00
Nikon 1 J1 10-30mm Kit - Black/White/Silver.....	£489.00
Nikon 1 J1 10-30mm Kit - Red.....	£499.00
Nikon 1 J1 10mm Kit - Black/White/Silver.....	£519.00
Nikon 1 J1 10mm Kit - Red.....	£549.00
Nikon 1 J1 10-30mm & 30-110mm Twin Kit - Black/White/Silver.....	£629.00
Nikon 1 J1 10-30mm & 30-110mm Twin Kit - Red.....	£649.00
Nikkor VR 10-30mm f/3.5-5.6 - Black.....	£169.00
Nikkor VR 30-110mm f/3.8-5.6 - Black/White.....	£199.00
Nikkor 10mm f/2.8 - Black/White.....	£199.00
Nikkor VR 10-100mm f/4.5-5.6 PD-Zoom.....	£599.00
Nikon SB-N5 Speedlight.....	£125.00
Nikon GP-N100 GPS Unit - Black.....	£109.00
Nikon GP-N100 GPS Unit - White.....	£109.00
Mount adapter FT1.....	£229.00

NIKON COOLPIX DIGITAL CAMERAS

Coolpix P7100.....	£479.00
Coolpix P500.....	£299.00
Coolpix AW100.....	£279.00

AF-S & AF DX NIKKOR LENSES

10.5mm f/2.8G AF DX ED Fisheye.....	£529.00
AF-S 35mm f/1.8G DX.....	£165.00
AF-S 10-24mm f/3.5-4.5G IF-ED DX.....	£699.00
AF-S 12-24mm f/4G IF-ED DX.....	£815.00
AF-S 16-85mm f/3.5-5.6G ED VR DX.....	£465.00
AF-S 17-55mm f/2.8G DX IF-ED.....	£1,065.00
AF-S 18-55mm f/3.5-5.6G VR ED DX.....	£155.00
AF-S 18-105mm f/3.5-5.6G VR DX IF-ED.....	£230.00
AF-S 18-200mm f/3.5-5.6G VR II DX IF-ED.....	£635.00
AF-S 55-200mm f/4.5-5.6G VR DX IF-ED.....	£245.00
AF-S 55-300mm f/4.5-5.6G DX VR.....	£299.00

AF FX NIKKOR LENSES

14mm f/2.8D AF ED.....	£1,219.00
16mm f/2.8D AF Fisheye.....	£599.00
20mm f/2.8D AF.....	£465.00
24mm f/2.8D AF.....	£335.00
28mm f/2.8D AF.....	£225.00
35mm f/2D AF.....	£255.00
50mm f/1.8D AF.....	£109.00
50mm f/1.4D AF.....	£235.00

85mm f/1.8D AF.....	£305.00
85mm f/1.4D AF IF.....	£949.00
105mm f/2D AF-DC.....	£795.00
135mm f/2D AF-DC.....	£969.00
180mm f/2.8D AF IF-ED.....	£625.00

AF-S FX SILENT WAVE NIKKOR LENSES

AF-S 24mm f/1.4G ED.....	£1,599.00
AF-S 35mm f/1.4G.....	£1,395.00
AF-S 50mm f/1.4G IF.....	£299.00
AF-S 50mm f/1.8G IF.....	£175.00
AF-S 85mm f/1.4G.....	£1,265.00
AF-S 14-24mm f/2.8G IF-ED.....	£1,315.00
AF-S 16-35mm f/4G ED VR.....	£850.00
AF-S 17-35mm f/2.8D IF-ED.....	£1,495.00
AF-S 24-70mm f/2.8G IF-ED.....	£1,225.00
AF-S 24-120mm f/4G ED VR.....	£839.00
AF-S 24-120mm f/3.5-5.6G VR IF-ED.....	£549.00
AF-S 28-300mm f/3.5-5.6G ED VR.....	£709.00
AF-S 70-200mm f/2.8G VR II IF-ED.....	£1,635.00
AF-S 70-300mm f/4.5-5.6G VR IF-ED.....	£435.00
AF-S 200-400mm f/4G VR II IF-ED.....	£4,999.00
AF-S 200mm f/2G VR II IF-ED.....	£4,295.00
AF-S 300mm f/4D IF-ED.....	£975.00
AF-S 300mm f/2.8G VR II IF-ED.....	£4,095.00
AF-S 400mm f/2.8G VR IF-ED.....	£6,695.00
AF-S 500mm f/4G VR IF-ED.....	£5,895.00
AF-S 600mm f/4G VR IF-ED.....	£7,175.00
TC-14E II 1.4x teleconverter.....	£315.00
TC-17E II 1.7x teleconverter.....	£315.00
TC-20E III 2x teleconverter.....	£415.00

AF FX ZOOM-NIKKOR LENSES

18-35mm f/3.5-4D AF IF-ED.....	£495.00
24-85mm f/2.8-4D AF IF.....	£520.00
80-400mm f/4.5-5.6D AF VR IF-ED.....	£1,189.00

AF & AF-S MICRO-NIKKOR LENSES

AF-S 40mm f/2.8G DX Micro.....	£239.00
60mm f/2.8D Micro.....	£339.00
AF-S 60mm f/2.8G ED Micro.....	£399.00
AF-S 85mm f/3.5G VR DX IF-ED Micro.....	£419.00
AF-S 105mm f/2.8G AF-S VR Micro IF-ED.....	£610.00
200mm f/4D AF Micro IF-ED.....	£1,295.00

NIKON SPEEDLIGHTS

SB-900 Speedlight.....	£325.00
SB-700 Speedlight.....	£245.00
SB-400 Speedlight.....	£125.00
SB-R1C1 Close-Up Commander Kit.....	£599.00
SB-R1 Close-Up Remote Kit.....	£419.00
SU-800 Wireless Speedlight Commander.....	£275.00
SB-R200 Wireless Remote Speedlight.....	£185.00

MANUAL FOCUS NIKKOR AIS LENSES

20mm f/2.8 Nikkor.....	£901.00
24mm f/2.8 Nikkor.....	£608.00
28mm f/2.8 Nikkor.....	£615.00
35mm f/1.4 Nikkor.....	£1,227.00
45mm f/2.8P Nikkor, chrome.....	£325.00
50mm f/1.4 Nikkor.....	£597.00
50mm f/1.2 Nikkor.....	£743.00
180mm f/2.8 ED Nikkor.....	£799.00

ZOOM-NIKKOR MANUAL AIS LENSES

28-85mm f/3.5-4.5 Zoom-Nikkor.....	£599.00
------------------------------------	---------

SPECIAL PURPOSE: PERSPECTIVE CONTROL AND MICRO-NIKKOR LENSES

24mm f/3.5D PC-E ED Nikkor.....	£1,395.00
28mm f/3.5 PC Nikkor.....	£1,195.00
45mm f/2.8D ED PC-E Nikkor.....	£1,399.00
55mm f/2.8 Micro-Nikkor.....	£541.00
85mm f/2.8D ED PC-E Nikkor.....	£1,375.00
105mm f/2.8 Micro-Nikkor.....	£1,047.00
200mm f/4 Micro-Nikkor.....	£895.00
PC: Perspective Control. PC-E: Til/Shift-Perspective Control	

Prices include 20% VAT. Prices Subject to Change. E.&O.E.

TO ORDER TELEPHONE 020-7828 4925



PROBABLY THE WIDEST RANGE
OF NEW & SECONDHAND
Nikon IN THE WORLD

☎ 020-7828 4925

THE KIND OF SERVICE OF WHICH LEGENDS ARE MADE



SPECIALISING IN THE EXCEPTIONAL 13MM f/5.6 NIKKOR LENS

Photograph by Tony Hurst

The 13mm f/5.6 Nikkor ultra-wide-angle lens was introduced in March 1976 in a pre-AI type lens mount. This extraordinary lens has only ever been available to special order. The 13mm f/5.6 covers an angle of 118°. It weighs in at 1200 grams and represents the widest rectilinear manual focus prime lens available for the 35mm SLR format. It is 4 inches long (10.2cm), with an aperture range from f/5.6 to f/22. It has 16 elements in 12 groups; the front element has a diameter of almost 11cm and is surrounded by a fixed 'petal' style lens hood. It has a floating rear element design, CRC close-range correction, a rectilinear element design for straight line rendition and can focus down to one foot. In 1977 the lens was updated to the AI standard, and in March 1982 the third version was introduced with the AIS type mount with four x 39mm (rear bayonet mount) filters: Skylight, Orange, Amber and Blue in a CL-14 case. It was designed by Mr. Ikuo Mori of the 1st Optical Section, Optical Designing Department at Nikon Optical Japan. Apparently only about 350 of these lenses were ever made. "It is Nikon's greatest lens because not only is it big and supremely expensive, it is Nikon's, and perhaps photography's, greatest lens because it lets us make photographs we can make no other way." Ken Rockwell. MINT- £25,000



TO ORDER TELEPHONE
020-7828 4925



**EDITOR'S
CHOICE**

SEE MORE ONLINE AT
[AMATEURPHOTOGRAPHER.
CO.UK/SPOTLIGHT](http://AMATEURPHOTOGRAPHER.CO.UK/SPOTLIGHT)

I'm not usually a fan of spot colour in a black & white image, but here Harry has made it work well. I think the difference is that the colour works alongside the already effective shallow depth of field to bring the subject out of the frame, so we are not just relying on a gimmick to draw our attention. The fact that there is still a tiny bit of colour left in the background helps, by softening the effect a little. It would have been good straight shot, too, but Harry has created something extra – *Damien Demolder, Editor*

AP publishes more reader photographs than any other photography magazine

ReaderSpotlight

2



Harry Sherwood Surrey

At just 15 years old, Harry has already begun to amass an impressive portfolio of work. His parents are also interested in photography, so he has grown up around cameras and always wanted to know how they worked. Despite being colour blind, Harry employs a variety of vibrant colours within his images, although he also experiments with black & white.



Red fungus

1 Harry has desaturated the area around the fungus to reveal the subject's vibrant colours
Nikon D90, 18-105mm, 1/320sec at f/5.6, ISO 1000

Helicopter

2 This apocalyptic image was taken during a mild forest fire
Nikon D80, 70-300mm, 1/640sec at f/8, ISO 100

Cobweb

3 This beautiful abstract image features dew clinging to cobwebs
Nikon D90, 18-105mm, 1/800 at f/10, ISO 6400

IF YOUR PICTURES
ARE FEATURED
YOU'LL RECEIVE...

£50



FOR ILLUSTRATION PURPOSES ONLY. RUCKSACK CONTENTS NOT INCLUDED

PLUS...

The Editor's Choice wins a Kata DR-467i Digital Rucksack worth £99.95

The Kata DR-467i Digital Rucksack will accommodate two DSLRs with mounted lens, three-four lenses and flash, with space for personal gear, a laptop and small tripod. By removing the padded bottom camera insert you can easily convert this rucksack from a camera bag to a daypack when not out shooting.

www.manfrotto.co.uk

How to submit images to Reader Spotlight

Please see the 'Send us your pictures' section on page 3 for details or visit www.amateurphotographer.co.uk/spotlight



Dawn on the farm

1 The soft dawn light gives this image an air of tranquillity
Canon EOS 50D, 10-20mm, 6secs at f/22, ISO 100, 3-stop soft grad filter, tripod, remote release

Morning mist

2 It had been raining the day before, so Jim knew that mist would be present at the scene
Canon EOS 50D, 17-70mm, 1/800sec at f/7.1, ISO 100

Summer evening

3 The moving barley provides a lovely texture and foreground interest in this image
Canon EOS 50D, 10-20mm, 1/10sec at f/13, ISO 100, 2-stop soft grad filter, tripod, remote release

Sunrise

4 The magical light over the grass brings out the stunning colours of the scene
Canon EOS 40D, 17-70mm, 1.3secs at f/11, ISO 100, 3-stop hard grad, tripod, remote release

Jim Key County Durham

Jim has always been a keen photographer and fell in love with landscape photography after visiting his son in Australia. He spent a lot of time researching equipment and techniques, and has recently bought a Canon EOS 50D with various lenses. Jim is doing well for himself, as so far he has sold 40 calendars and 100 Christmas cards of local landscapes.







Roy Curtis Cornwall

Roy took up photography in the early 1970s after his wife studied it at art college. He found that he enjoyed it and decided to carry on. Following a 17-year break, Roy picked up a camera again in January of last year and bought his first DSLR. As he lives in Cornwall, the sea has played a large part in his images, including such subjects as seascapes, boats and, as we see here, birds.



Family

1 The tight cropping of this family portrait emphasises the interesting composition of the three birds
Nikon D300S, 300mm, 1/200sec at f/11, ISO 200

Telescope

2 The use of a wideangle lens has drawn the gull out from the background sky and water
Nikon D300S, 18-200mm, 1/200sec at f/13, ISO 200, polarising filter

Landing

3 Roy has used fill-in flash on these young birds to compensate for the fading light on a late-November afternoon
Nikon D300S, 18-200mm, 1/80sec at f/14, ISO 200, polarising filter

WANT TO LEARN MORE AND IMPROVE YOUR PHOTOGRAPHIC SKILLS?

Then enrol on one of our **School of Photographic Imaging's Home Study Courses**. We've courses to suit all levels of experience covering all aspects of photography and bite-sized courses from just £75. Just visit www.spi-photography-courses.com, call 0203 148 4326 or turn to page 46 of this issue.

SPI
SCHOOL OF
PHOTOGRAPHIC
IMAGING

win with wex



Somewhere out there is the perfect 'w' for wex.

We've shot a few ourselves, but we'd like your help to find a 'w' that really says wex.

Capture it for us and you could win a Canon EOS 7D Digital SLR plus 15-85mm IS Lens worth £2,399.99 RRP.



All you have to do is take a photograph of a 'w' – one you find or one you construct.

You can submit as many entries as you like, so why not invite your friends to join in too.

Find out more at wex.co.uk/wchallenge or email your entries to wchallenge@wex.co.uk

Terms and Conditions apply. See website for details.



wex
photographic
warehouse express

HUGE RANGE, LOW PRICES, KNOWLEDGEABLE STAFF

FUJIFILM



FUJI X10
£499

POLAROID



**Z340
INSTANT**
£229

LOWEPRO



**CLASSIFIED
200AW**
£89.99

PANASONIC



**LUMIX
FZ150**
£379

FUJIFILM



**FUJI
HS-20**
£249

HAMA



REXTON 150
£29.99

NIKON



D3100 Kit
£449

TAMRAC



**EXPEDITION
6X**
£119.99

DOMKE



F2 RUGGED
£149.99

CANON



EOS 550D
£499
After Cashback

SIGMA



18-200 DC II OS
£479

DATACOLOR



**SPYDER3
EXPRESS**
£59.99

SONY



**NEX-5N
TWIN KIT**
£549
After Cashback

TAMRON



18-270MM VC
£449
After Cashback

GIOTTOS



MML3270B
£29.99

SAMSUNG



OPEN DAY
DEC 17th
Visit us for deals

HAHNEL



TRIAD 40 LITE
£44.99

JOBY



**GORILLAPOD
HYBRID**
£34.99

EXPERIENCE OUR AWARD WINNING SERVICE

[FREE NEXT DAY DELIVERY]
On all orders over £100
 Order before 2Pm

01438 367619



CHRISTMAS MADE EASY - PART EXCHANGE WELCOME

STEALTH



**PHOTO
JACKET 2**
£219

EPSON



**STYLUS
R2880**
£389

AFTER CASHBACK

EPSON



**STYLUS
R3000**
£549

STEALTH



**PHOTO
GLOVES**
£34.99

STEALTH



**NEW DETACHABLE
FLEECE 2**
£79.99

ELINCHROM



**DLITE
4IT SET**
£549.99

LASTOLITE



**STROBO
KIT**
FROM £109

KINGSTON



**16GB SDHC
CLASS 10**
£22.99

LASTOLITE



**6X7 HILITE
WITH TRAIN**
£299.99

PLUSTEK



**OPTICFILM
7400**
£169.99

HAHNEL



**MK100
DSLR MIC**
£79.99

CELESTRON



**GRANITE
8x42 ED**
£369.99

SONY



**E50mm
F1.8 OSS**
£229

NIKON



**50mm
F1.8 G**
£179

SKY-WATCHER



**SKYHAWK
114-EQ1**
£129.99

SECOND HAND



**PLEASE
VISIT
WEBSITE**

CANON



**POWERSHOT
SX220HS**
£169
 AFTER CASHBACK

TECHLAMPS



**8" x 12"
LIGHTBOX**
£89.99

BUY IN STORE, ONLINE OR BY PHONE



Follow us
facebook.com/digitaldepotuk
twitter.com/digitaldepot

WWW.DIGITALDEPOT.CO.UK

Below: Shafts of light stream through upper windows in the engine house of the Nevada Northern Railway

Right: Cold winter air brings about an impressive cloud of steam from an engine on the Nevada Northern Railway



Steam driven

Joel Jensen shares his 25-year passion for shooting steam railways. He talks to **David Clark**

JOEL JENSEN'S photographs evoke what many see as the golden age of American railways. His extensive body of work, produced over a 25-year period, shows steam engines at their most romantic: powering through open landscapes, puffing out copious clouds of steam, or standing in engine sheds, bathed in shafts of silver light.

Joel's images also focus on the people who give their time to work on the railways and preserve them in working order. Like the work of O Winston Link, Joel's images are a thoughtful and creative celebration of the industrial heritage of an earlier age.

Joel grew up in the manufacturing town of Mason City, Iowa, in which railways were ever-present. 'The town was a regional hub for agriculture and industry, and it was almost impossible to get from one

end of the town to the other without encountering a train blocking a street or highway crossing,' Joel remembers.

'This was misery for the adults who drove the cars, but for me, as a child, it was sheer joy.' Joel's father was also fascinated with railways, which was, he says, another important factor in getting him hooked.

Joel was born in 1957 and the trains he saw in those early years were mainly diesel-powered locomotives. He was born too late to see steam-powered engines pulling freight or passenger services, but his passion for photographing steam trains developed when he undertook a beginner's class in black & white photography. 'The class didn't directly inspire my railroad photography, but rather photography in general,' says Joel.





ALL PICTURES © JOEL JENSEN



Left: A Nevada Northern railway train is beautifully framed by rocks in this shot, taken from a high vantage point

Bottom: Joel's images celebrate the people who work on the steam railways, as well as the engines



Steam: An Enduring Legacy is published in hardback by WW Norton and priced £38 (ISBN 978-0393082487)

My professor demanded that we present images for critique that he had never seen before. This philosophy required "digging deep" and finding a way to photograph in which one went below the surface. We were encouraged to express one's soul, and be able to present it in a two-dimensional manner on an 8x10in sheet of black & white paper.'

Joel studied graphic design at Iowa State University, but afterwards developed a greater interest in a photographic career. In the mid-1980s he spent 18 months living in his VW van and was effectively homeless.

'At the time, I felt investing in my travels and photographic pursuits seemed more important than satisfying editors or making a decent living that required a 9-5 lifestyle,' he says. However, it wasn't until 1987, when he was 30 years old, that he saw his 'first live steam locomotive' and steam railways became an obsession.

From then on, Joel began photographing the preserved steam railways in the western United States and started selling his work in 1991. From 1989-2006, he combined this work with a day job as the manager of a custom photography laboratory in Santa Barbara, California.

Joel's railway photography has taken him from the Great Plains and the Rocky

Mountains to the Pacific Coast, and he has travelled more than 200,000 miles in pursuit of his art. Much of that travel was accomplished on a shoestring budget, with Joel sleeping in the back of his pick-up truck to reduce expenses.

Throughout this time, he has maintained that it is important to work alone. 'Expressing one's soul is paramount,' he says. 'Others – "soul-mates" included – offer distractions, and things are easily overlooked.'

His work was essentially a labour of love, but now his best photographs have been collected in a beautifully printed book called *Steam: An Enduring Legacy*. The images range from detailed close-ups of engines to broad landscapes in which the train is only a small part of the overall scene. The book's journey takes in character studies of railway volunteers, images of abandoned trackside buildings and pictures that capture the sheer power of steam engines in full flow.

Although Joel has often shot in colour, all the photographs in the book are presented in classic black & white. 'I chose to present them in black & white to give the book a uniform appearance,' he says. 'Admittedly, it hurt a bit to shelve a couple of decades of colour, but in the end I feel it was the best decision. The subject begs for black & white and it was important for me to





express "the past in the present" within modern-day limitations.'

Many of the images display Joel's ability to capture a scene in a creative way from a variety of viewpoints. Trains are seen from above, with the tracks snaking through a landscape, or through the door of a derelict building, or from inside a track-side office. Although they seem carefully arranged, Joel says that he doesn't usually spend a lot of time planning his shots.

'I enjoy the challenge of being under pressure,' he says. 'I like to find a locale spontaneously, and make the best of it, without too much pre-programming. In a sense, this philosophy dates back to my college professor's advice. "A good photographer," he said, "can take a great photo in an empty room, on a moment's notice." I have found that if I've scouted a location, something seems to be missing when the actual opportunities arrive.'

Joel's attraction to old technology extends to his photography. He shoots with film exclusively and there are no digital alterations to any of the images in his book. Although he has 35mm kit, he mainly uses a 35-year-old Plaubel-Makina 670 medium-format camera with a fixed 80mm f/2.8 lens. He shoots on Kodak T-Max 400 for black & white and Kodak Ektar 100 for colour.

'With age, I've simplified what I do and take a "less is more" approach,' he says. 'I prefer to rely on myself rather than a cumbersome kit bag. I might have moments of regret, such as when I realise a shot won't work without a wideangle or telephoto lens, but at the same time I'll be forced to dig deeper for that image.'

All Joel's photographs are printed in a traditional wet darkroom. 'Although I greatly appreciate modern technology, computers included, I wish to spend as little time as



possible hunkered over my monitor,' he says. 'My black & white darkroom, replete with hand-crafted burning and dodging tools, affords me the opportunity to escape the screen, while spending hours practising an age-old craft.'

'Certainly, digital imaging would allow me to take my work to the next level and manipulate images in a manner I never thought possible, but I'm content with what a negative offers me, including wet-darkroom limitations,' he says. 'I also find great joy and satisfaction in wet-darkroom printing, having done this for more than 30 years. It's still a joy to see a print come up in the developing tray.'

Joel's ultimate aim in his photography is to encourage an interest in, and appreciation for, steam railways in as many people in the wider community as possible. 'My intent, from the outset, was to garner the attention of the non-railway community,' he says. 'These are the folks, who, given the opportunity and the encouragement, will go beyond riding on a train and perhaps sign on as volunteers. In that process, they will ensure the legacy of steam lives on.' **AP**

Top: Watched by a railway volunteer, an engine powers along the track from St Louis to San Francisco

Above: Shooting from a dramatic low angle, Joel captures the strenuous effort required to keep trains running

JOEL'S TIPS FOR PHOTOGRAPHING STEAM RAILWAYS

1 The vast majority of steam trains are black, so dealing with them from an exposure standpoint can be tricky. Base your exposure on the backdrop more than on the trains. Sacrifice train shadow detail, for the sake of the overall image.

2 Steam-train 'dynamics' are greatly enhanced by weather – the colder the better. An average photo composition/scene will often benefit immensely from cold temperatures, resulting in an impressive display of steam.

3 Seek out images with workers, such as mechanics and engine crews. Few subjects better represent the notion of 'man and machine' more appropriately than a steam locomotive. Don't hesitate to place those who make the machine operational in the foreground.

4 Consider the surrounding environment and ask whether the train or the environment should dominate the scene.

5 Consider black & white to create images that retain a timeless look and feel. Although this approach adds significantly to the challenges of shooting steam trains, the end result often benefits from choosing black & white over colour.

To see more of Joel's work, visit www.joeljensenphoto.com

HOME STUDY COURSE

Improve your photography with the School of Photographic Imaging. Enrol today, receive your student pack and start learning new skills!

- Courses to suit all levels of experience
- Study in your own time
- Receive detailed feedback from a professional tutor
- Huge savings on Adobe Photoshop CS5
- Split the monthly payment costs
- Half-price magazine subscriptions
- Subject-specific, bite-sized courses from only £75
- Dedicated student area and online forum

FROM ONLY
£75

DIPLOMA IN DIGITAL PHOTOGRAPHY

COURSE LEVEL INTERMEDIATE/ADVANCED

- Working with tones: Levels & Curves
- Contrast control
- Using white balance
- Black & white techniques, toning and staining
- Working with colour
- Retouching and sharpening
- Sizing, printing and storing



FOUNDATION IN DIGITAL IMAGING TECHNIQUES

COURSE LEVEL BEGINNER

- Size and crop a digital image
- Adjust tones, correct colours and convert your images
- Use the selection tools to adjust your images
- Remove dust and scratches from precious photos
- Banish redeye for ever
- Sharpen your images
- Create an archive to safeguard valuable pictures



FOUNDATION IN PHOTOGRAPHY

COURSE LEVEL BEGINNER/INTERMEDIATE

- Winning composition
- Landscapes with impact
- Expert metering techniques
- Shooting striking portraits
- Mastering still-life
- Depth of field control
- Controlling flash
- Shooting wildlife and nature
- Using colour
- Sports and action shots
- Choosing the right lens



FOUNDATION IN DIGITAL PHOTOGRAPHY

COURSE LEVEL BEGINNER

- Viewpoint and composition
- How to use your camera's program modes
- All about lenses
- Sharpening your image
- Formatting, sizing and printing
- ISO, flash, exposure and white balance setting
- Basic image editing



FOR DETAILED COURSE CONTENTS VISIT
WWW.SPI-PHOTOGRAPHY-COURSES.COM OR CALL **0203 148 4326**

GIFT VOUCHERS NOW AVAILABLE!

FREE CAMERA BAG WITH EVERY ENROLMENT BEFORE 9 DEC 2011

photobox
JIGSAW

Nikon

GET SOME PERSPECTIVE WITH HIGH QUALITY CONVERSION LENSES

CONVERT YOUR Nikon Canon PENTAX
18-55mm AF ZOOM: (52mm diameter) (58mm diameter) (52mm diameter)



- Multi coated Japanese glass
- An Inexpensive solution
- Compact and Lightweight
- Durable metal construction
- Supplied in protective pouch
- Less dust in your camera
- Endless creative possibilities
- Manufacturers full Warranty

0.25x FISH EYE LENS / MACRO KIT

No loss of resolution, colour, exposure, zoom or autofocus. Great quality at a fraction of the price of a leading manufacturers 12-18mm zoom.



PURCHASE BY PHONE OR ONLINE FROM: CRK Photographic

Unit 7, Devonshire Business Centre, Cranborne Rd, Potters Bar, EN6 3JR
e:sales@thedarkroom.co.uk t:01707 643 953 www.thedarkroom.co.uk

SRB~Griturn

Quality Photographic Accessories

Square Filters

A+P Filter Holdersfrom £5.00
A+P Adaptor Rings.....from £4.00
ND Filters.....from £12.50



ND or
ND Grad
Filters
(A or P) from
£12.50 each

Set of 4 ND or ND Grad £46.00
Listed Among The Top 10 Landscape Accessories in
"Amateur Photographer" magazine and scores...
max 5 stars ★★★★★
Gold and Value Award in "Digital Camera"
magazine group ND test Sept 2011

Sunset Filters.....from £12.50
Colour Filtersfrom £12.50
Star Effect Filters.....from £10.95
Lee Filters **Stocked**

Round Filters

UV Filters.....from £6.00
Skylight Filters.....from £8.00
Circular Polarisersfrom £18.95
ND Filters.....from £14.00
Star Effect Filters.....from £14.00
Infra Red Filtersfrom £19.95
Colour Filtersfrom £14.00
Kood Filters, Hoya Filters **Stocked**

IDEAL CHRISTMAS GIFT IDEAS - MORE ON WEBSITE...

www.srb-griturn.com

Check site for special offers... eg P Filter Holder + Adapter Ring in
Micro Fibre Cleaning Cloth Bag only £7.95

Adaptors

Canon EOS - Nikon, OM,
Leica R, Contax.....from ea £22.95
Canon EOS - FD.....from £55.95
Micro 4/3 - Canon, M42,
Leica M, Nikon,
Nikon G,from ea £39.95
Micro 4/3 - Tamron.....from £25.95
Sony NEX - Canon, Nikon,
Alpha, Pentax,
Leica M.....from ea £29.95

This is a tiny example of the adaptors we stock

Macro Accessories

Close Up Lens Sets...from £25.00
Coupling Ringsfrom £12.95
Reversing Ringsfrom £12.95
Manual Extension Tubes from £17.50
Auto Extension Tubes from £79.95
Bellows Units.....from £49.95
NEW LOWER PRICES!
Right Angled View Finder.. £39.95

Stepping Rings

NEW LOWER PRICES!
All Known Sizes.....from £2.95

T Mounts

All Camera Makesfrom £8.00

**Call for free
Catalogue**

01582 661878

NEW LOWER PRICE!

ColorRight Pro



The most advanced & easiest to use tool for perfect colour every time

- Gathers light from multiple angles to ensure you get the whole colour picture.
- The only tool of its kind that works simply and easily with flash.
- Use in the easiest way possible, simply point at your subject.
- Universal size, works with all lenses up to 82mm diameter.

NEW! NEW!

FlashRight Extreme Kit



EXCLUSIVE to EXTREME KIT Includes 4 Ratio (Kicker) Disks that allow you full control over the amount of forward firing light.

EXCLUSIVE to EXTREME KIT Includes 3 Color Gels that allow you to change the color of the light for artistic purposes and/or to color correct for ambient lighting conditions.

EXCLUSIVE to EXTREME KIT Includes 1 Softening Gel that allows you to even further diffuse and soften the light.

EXCLUSIVE to EXTREME KIT Includes 4 Ratio (Kicker) Disks that allow you full control over the amount of forward firing light. B) very diffused light from a small form using the ColorRight "Dome Technology".

Prevents flash from being "sprayed" on people behind you and near to the camera.

Directional light in horizontal mode simply turning the entire dome - smooth silent action.

Directional light in vertical mode simply turning the entire dome - smooth silent action.

Only flash-top diffuser to have same light directional feature in BOTH horizontal (landscape) and vertical (portrait) modes. Wide very soft diffused light.

Provides built in forward kicker reflector to give a catchlight for the eyes.

Solid strong construction

Solid strong non-slip mount system with velcro belt - no "stickies" to go onto the flash.

**FlashRight
available
separately RRP
£89.99**

Distributed in the U.K. by... **UKphotodistro Ltd.** based in Scotland. To find out more about ColorRight and FlashRight products, or to become a retail partner, visit our website:

www.ukphotodistro.co.uk or call our retailer hotline, partner enquiries: **(+44) 0845 287 0710**

APappraisal



Expert advice, help and tips from AP Editor Damien Demolder

Original



Lightened



Edited



My daughter Ian Kennedy

Canon EOS 1000D, 50mm, 1/250sec at f/1.4, ISO 200

HERE we have a contrast problem of the type that is created when there isn't enough directional light and the things we are photographing are too close in tonal value. This nicely framed shot is Ian's daughter walking along a woodland path. We can see ahead that the light breaks through the trees, but where she is walking there is very little light. Our problem is that the tones of

her legs blend in with those of the leaves and her dress blends in with the bushes. In short, she doesn't stand out, so we aren't drawn to the subject. Although not a solution, I've selected the floor around her legs and lightened it to demonstrate what the picture might have looked like had the light been different. There is clear separation between her legs and the leaves – and that's what

delivers the 3D effect we need. To prevent the eye being drawn to the newly brightened foreground I've also darkened the edges of the frame, so our attention is funnelled to the middle of the picture – and the subject.

It's a great shot, Ian, but it demonstrates, that no matter how compelling the subject is, all photographs rely on good light. Light has to be the beginning and the end of the story.



WIN

Every reader whose picture is chosen to appear in *Appraisal* will win a Camlink CMP1 walking stick monopod worth £19.99. The three-section collapsible walking stick monopod features a wrist strap, ergonomic handle and includes a nifty little compass into the bargain. To find out more about Camlink products, visit www.camlink.eu.com

How to submit your pictures

Send up to six prints, slides or images on CD (please include the original files from the camera along with your submitted versions on your CD). Tell us a little about the pictures and include details of equipment used and exposure settings. Send your images to *Appraisal* at the address on page 3. Enclose an SAE if you want them returned

CAMLINK



Edited



Streets of blinding lights

Grace Sow

Canon EOS 450D, 10-22mm, 10secs at f/9, ISO 200

NOW WE can indulge in a bit of fiction. No one sees traffic trails with their eyes, so as soon as we show them we give up all

claim to making a realistic image. We can therefore go to town a little to emphasise the things that make these pictures exciting. In fact, though, traffic trails on their own are just not exciting, but here Grace has added an extra element, with those blue lights hanging from the sky. They give us a bit more of a sense of perspective, while also introducing a haunting feeling that aliens are about to land. Grace says she has scaled back the colour saturation, but I've used a

steep curve to introduce some contrast – making that dull sky black and cancelling the flare. The curve at the same time boosts colour saturation. I also straightened the shot a bit – there's no excuse for shooting wonky images even at night.

It is now a much more dynamic and exciting picture, but as it is the inclusion of the overhead lights that I think make the shot I'm giving Grace my picture of the week prize. Well done.

PICTURE OF THE WEEK



Too windy for deck chairs

Ian Bullivant

Pentax K-x, 18-250mm, 1/6sec at f/14, ISO 200, ND4 and ND8 filters

PHOTOGRAPHY doesn't have to be about reality but when it isn't there needs to be a reason. When we create something that looks like fiction, the viewer has to be able to see why that was done – for comic value, to make the picture dreamlike or to produce an iconic poster effect, for example.

Ian tells me that he didn't use an HDR (high dynamic range) blend of exposures in this shot, but it gives the impression that he did. I believe him when he states that instead of HDR he used a pair of neutral density graduated filters – at 45° to the

two top corners – to darken those sections of the scene. While his aim was to capture detail in the subject as well as the sky, which he has done, the result simply doesn't look like real life.



In the same way that a funny story is always funnier if it is true, a picture will always attract more attention if the viewer can be amazed at the scene rather than the trickery of the photographer. They know the difference, even if they can't explain it.

The problem here is that the sky looks contrasty and the hut is lit by flat light – and they just don't go together. I tried increasing the contrast, which makes the hut stand out a bit more, but it doesn't really solve the issue. In the end, I used the Channel Mixer to convert the image to black & white – where disparate contrast ranges are sometimes more acceptable. The result is better, but we still can't undo the darkening of the clouds in the corners so it still looks a bit unreal.



Interfit lighting kits on special offer this Autumn for a limited period



INT486

Interfit EX300 Softbox Umbrella Kit

£439.99

INT491

Interfit EXD400 Softbox Umbrella Kit

£489.99

Both kits now supplied with
free Softbox and Infrared transmitter



INT214

**Interfit Super Cool-lite 6 Twin Head Kit,
2 x Heads,
12 x 32w lamps,
2 x 16" (40cm) reflectors,
2 x 31" (80cm) Octoboxes,
2 x Light stands COR751,
1 x Educational DVD**

£395.99

in addition to the above kits

INT119 EXD200 with **free Infrared transmitter** £393.99

INT186 Stellar Tungsten X £259.99

INT213 Single head Super Cool-lite 6 £197.99

STR148 Strobies XL2 series bracket and softbox £89.99

STR170 Strobies XL bracket and Beauty dish kit £49.99

STR171 Strobies XL bracket and Snoot kit £49.99

STR140 Single head all metal umbrella bracket £19.99

STR144 Twin head all metal umbrella bracket £21.99

Strobies

arcphotosdirect.com

thedigitalcamerashop.co.uk

Charles Eagles

fotoSENSE

FIRST-ALL PHOTOGRAPHIC

GADGET-BAG

HILTON

JACOBS

DIGITAL PHOTO & VIDEO

just studio gear

KIRK

JESSOPS

MORRIS

Photographic Centre

parkers

PHOTOGRAPHIC

REDBOX

CAMERAS.com

Speed Graphic

STUDIO KIT DIRECT

warehouse express

2002

Interfit Photographic Limited

Unit 4, Clifton Business Park,
Clifton Street,
Tipton,
West Midlands,
DY4 7TR.
Phone: 0121 522 4800
Fax: 0121 557 2221

Expanding your creativity with Interfit

For a Main Dealer list log on to our new website.
Packed with further details and new products.

www.interfitphotographic.com

AP Testbench

Over the next few weeks this week's equipment tests, reader questions and technique pointers

Amateur Photographer
A bag designed for the active outdoor photographer
★★★★★

Lowepro Photo Sport 200AW backpack

Around £160

www.lowepro.com

PHOTOGRAPHERS into outdoor pursuits need a comfortable and lightweight bag that can take a beating while protecting camera kit. During a week's biking and hiking in Wales, I found the Photo Sport 200AW backpack certainly capable of all these things. Its streamlined design is snug to the body and secure, thanks to the hip-belt and chest clips. It is similar to regular good-quality outdoor bags, except for the inner chamber with drawstring cord to secure your kit inside. Up to a Nikon D700 with 24-70mm lens or similar is a perfect fit for the chamber, along with an extra lens or flashgun. Access to the chamber is via a side pocket, which means the bag can be swung around to the front for quick access.

Outside the chamber is an open compartment for personal gear and a section for a water bladder (not included). As the chamber is not fixed to the opposite side, it is possible to slide a smallish tripod (up to 50mm folded height) inside, but otherwise this compartment is a large open space. The bag is available in black with grey trim or orange, while the Sling Shot 100AW version (around £120) is smaller, and designed for an entry-level SLR. **Tim Coleman**

The AP guarantee to you

All our tests are conducted by people who understand the product area, as well as photography. We aim to discover any shortcomings, as well as finding those aspects that deserve praise. All our tests are thorough, honest and independent

Westcott 7-foot white/black parabolic umbrella

Around £100

www.fjwestcott.com

WESTCOTT'S 7-foot (2.2-metre) parabolic umbrella is similar in design to basic reflecting umbrellas, but here the similarity ends. This vast robust reflector and light-shaper boasts durable fibreglass ribs and a thicker-than-usual shaft that tapers to fit European-style flash heads. The black backing to the white reflector is opaque, so all the light reflects back onto your subject. All this folds down into a compact carrying case with shoulder strap.

The umbrella is incredibly versatile for such a simple design and the beautiful quality of light attainable really wraps around the subject, giving soft open shadows and crisp highlights. It would be equally at home as a beauty light for close-up work, full-length fashion or a large area light for room sets. Varying the distance from the umbrella to the light source along the shaft gives a harder or softer light, and can be used to increase the spread of light. A heavy-duty lighting stand is essential, as the extra size and weight can render the light head unstable.

Big umbrellas such as this have a long track record in studio photography and have stood the test of time. If you were transported back to the fashion studios of the 1960s, everyone from Bailey to Donovan would be using a strobe 72in (6-foot) umbrella as their main light source. **Andrew Sydenham**

Amateur Photographer
A well-made and high-quality light shaper
★★★★★

FORTHCOMING TESTS In the next few weeks AP hopes to run the following equipment through the most rigorous testing procedures in the industry...

Ricoh GRD IV

Ricoh's latest advanced compact camera with a 28mm f/1.9 lens and 10-million-pixel sensor.

AP 17 December

Nissin Di622 Mark II

Nissin has updated its mid-range flashgun and it now features three wireless modes and up to a 44 guide number.

AP 17 December

Harman Titan

This sleekly designed injection-moulded pinhole camera is a collaboration between Harman and Walker Cameras.

AP 24 December

Nikon 1 J1

The entry-level 1-series camera lacks the EVF and mechanical shutter of its V1 stablemate, but is otherwise very similar in features.

AP 7 January 2012

Fujifilm FinePix F600 EXR

This advanced compact camera has a 16-million-pixel EXR CMOS sensor, 15x optical zoom and new motion-detection technology.

AP 7 January 2012

Zuma, by

 **tamrac**

The offer is in
the bag!



**FREE
Lenspen
Sidekick
and Spare Pads
worth £25!**

Zuma 2 Slim Shoulder Bag

Fits iPad, compact camera,
plus accessories.



Zuma 4 Shoulder Bag

Padded pocket holds iPad or
other 10" screen Netbook plus
your DSLR and 3-4 lenses.



Zuma 7 Backpack

Padded pocket holds iPad or
other 10" screen Netbook plus
your DSLR and 3-4 lenses.



Featuring 3 great bags from the Zuma range, from shoulder bags to backpacks. The Zuma range is compact, stylish and practical; together with a **FREE Lenspen Sidekick** the offers in the bag!

Offer available at these stockists...

Cameraworld - Chelmsford • Cameraworld - London
Castle Cameras • Chiswick Cameras
Digital Depot - Stevenage • Dents of Chesterfield
Darlington Photo Centre • Fotosense - Bolton
Island Photo Centre - Isle of Wight
London Camera Exchange - Bristol
London Camera Exchange - Cheltenham
London Camera Exchange - Colchester
London Camera Exchange - Derby
London Camera Exchange - Salisbury
Morris Photographic - Chipping Norton
Park Cameras - Burgess Hill
Photo Express - Ulverston
Rother Valley Optics • SRS - Watford
Teddington Cameras
Wessex Photo - Weymouth

Offer available at time of purchase.
Offer ends 31st December 2011.

Buy any of these
Zuma bags
and get a **FREE
Lenspen Sidekick
and Spare Pads
worth £25!**

 **tamrac**

www.tamrac.co.uk





Fujifilm FinePix X10

Fujifilm enters the high-end compact camera market with its premium **FinePix X10**, a model that makes the style and class of the company's X-series more affordable



Tim Coleman
Technical writer

THERE has been a buzz of activity in the premium compact camera market recently, so clearly the demand for these models is high. Until now, cameras such as Canon's PowerShot G12 and Panasonic's Lumix DMC-LX5 have proved popular options, but now Fujifilm is in on the action. In fact, on the surface the Fuji FinePix X10 appears to offer the best of both worlds, with its classic retro styling reminiscent of film rangefinders from decades past and a fast f/2 zoom lens.

The X10 is Fuji's second X-series fashion-savvy camera, and it aims to build on the success of the X100. However, the X10 was not launched to replace or compete

with its larger sibling, but to offer a much more affordable option, being roughly half the price of the X100. The main difference between the two is that while the X100's fixed 35mm (effective) focal length is more limiting and typically associated with photojournalistic use, the X10 offers a zoom lens that should cover the photographer for a wider variety of situations. Also, the X100 uses the larger APS-C-sized sensor, which is roughly 7x larger than the 2/3in sensor of the X10.

The X10 is a camera that is intended to cover a wide variety of uses from its compact body, and tap into the nostalgia and high build quality of cameras past.

FEATURES

While a lot of thought has been put into the X10's attractive classic exterior, there is a lot going on inside, too. The X10 has a 2/3in-sized sensor, which has a surface area of

AT A GLANCE

- 12-million-pixel, 2/3in (8.8x6.6mm), EXR CMOS sensor
- Fujinon 4x (28-112mm equivalent) f/2-2.8 optical zoom lens
- Optical zoom viewfinder with 85% coverage

58.1mm². This is approximately half the size of Nikon's new sensor found in its 1-series cameras, a quarter of the size of the micro four thirds sensor, but more importantly around 20-25% larger than the 1/1.6 (48.5mm²) and 1/1.7in (43.3mm²) sensors found in other premium compact cameras, such as the Panasonic Lumix DMC-LX5 and Canon PowerShot G12 respectively. Most standard compact cameras use a 1/2.3in sensor (28.5mm²), which is around half the size of that found in the X10.

The X10's sensor has 12 million pixels, which will comfortably produce a 13x10in print without interpolation from a 300ppi file. In reality, this can be pushed up to A3 and larger by reducing the ppi without any noticeable degradation in image quality.

Most sensors use a colour filter array in the Bayer arrangement to 'see' colour, but Fuji has its own EXR version, which is the type used here. It was first introduced in the company's F200 EXR in 2009, and in that instance was a CCD type. For more on the sensor and its practical use, see *Features in use* (page 54).

The size of the sensor means that the lens has a crop factor of 3.93x from a full-frame (35mm) equivalent. To achieve the 4x optical zoom 28-112mm focal length, the Fujinon lens is 7.1-28.4mm. It comprises 11 elements in 9 groups, each treated with the company's Super EBC (Electron Beam Coating).



Three of the lens elements are of the aspherical type, which allows a more compact lens design, while two are of the ED type designed to reduce chromatic aberration. Five of the lens elements are attached to an optical image-stabilisation mechanism that works by shifting the axis to counteract both horizontal and vertical movements.

The X10 has a fast lens with a widest aperture of $f/2$ at 28mm that is handily only reduced by 1 stop to $f/2.8$ at its 112mm telephoto setting. In between, $f/2.2$ is available at 35mm, $f/2.5$ at 60mm and $f/2.8$ at 90mm. Having such a large aperture, even at the 112mm telephoto setting, lets in more light and allows a reduced depth of field, which is useful for portraiture.

Images are recorded in JPEG, raw or JPEG+raw combined. By default, the camera is set to JPEG only, although search deep into the menu and raw can be activated. The other option is to use the dedicated button for raw on the rear of the camera to record the next frame in JPEG+raw.

There is a multitude of shooting modes available that are designed to enhance the performance of the camera, in areas such as dynamic range, clarity, depth of field and noise reduction. In advanced mode, the pro soft focus mode adds extra background blur, while pro low light records multiple frames and combines them for extra light, clarity and reduced noise in low-contrast light. Other shooting modes on offer are great fun to use, such as the 360° panorama and 1cm super macro.

Drive mode offers a continuous capture up to 10 frames per second (fps) at reduced resolution JPEG files in super high mode or

Even at the most telephoto setting, image detail is crisp right up to the edge of the frame

112mm



7fps for full-resolution JPEG files, both at an approximate 1sec burst. Raw capture is available at up to 5fps.

9/10

BUILD AND HANDLING

If you didn't know anything about the camera, you could easily spend some time trying to work out how to turn it on. This is because the control does not exist in button form. Instead, you have to twist the lens to its 28mm setting or beyond. I do not know why this is not commonplace in high-end cameras as it is such an instinctive way to switch the camera on. It means that start-up time is fast, because as the camera stirs into action the desired focal length can be set – and it is ready to shoot in less than 2secs.

A second benefit to this lens is that the zoom is operated manually. This makes precise adjustments so much easier than a powered zoom, and also saves battery power. Incidentally, the battery life of the X10 is not great, as it lasts for 250 shots at best when mainly using the viewfinder instead of the LCD screen. Charging the battery was a familiar experience

throughout this test, so do not plan on using the camera for a whole day without opportunity and access to a charge or a spare battery.

The performance of the lens is key in a high-end compact camera. Because of the high focal-length magnification, the lens is extremely wide at 7.1–28.4mm. Consequently, there is noticeable barrel distortion at wider focal lengths, and sadly even at the most telephoto setting. That said, the cameras in direct competition with the X10 use a smaller sensor and therefore have an even greater focal-length magnification and wider lens, so they are more susceptible to distortion in uncorrected files.

A metal lens cap is provided, which matches the body very nicely. Its inner fabric liner provides a snug fit, although I would like to see it attached to the camera to reduce the risk of loss. A metal lens hood (LH-X10) is an optional extra at £59.99, and is suitable for filters with a 52mm thread, although the lens itself will not accept filters.

To complement the 2.8in, 460,000-dot LCD screen, a built-in optical viewfinder aids clear viewing in bright light. Its mechanics are linked to the manual zoom lens, and its design ensures bright viewing.

The top and base of the X10 are constructed from die-cast magnesium, and its body is made from a durable synthetic leather. The shooting-mode dial and exposure-compensation dial, as well as the lens zoom ring, are also made from solid metal. The X10's all-black textured finish is both classy and provides a firm grip.

The X10's body has just about all the controls one needs for a day's shooting. An FN button operates ISO as default,

FEATURES IN USE EXR SENSOR

FUJI'S X10 uses the company's EXR sensor. This is of the CMOS type, rather than the CCD type used in the F200 EXR, Fuji's first camera to feature its EXR sensor. The colour filter array is based on the same arrangement.

The EXR CMOS array angles the photosites at 45°. The traditional Bayer arrangements in most digital cameras use an array of 'rectangular' red, green and blue photosites, and the nearest similar colour photosite is a width away.

The real benefit of the EXR sensor is that neighbouring pixels can be combined, and this is most apparent in the EXR modes. In high resolution (HR) mode the EXR CMOS arrangement appears to have little benefit, but on our resolution charts the X10 still resolves a good level of detail. Practically, the user can make the most of the EXR auto mode that analyses the scene and chooses the appropriate setting from any one of 99 different patterns.

The other two EXR shooting modes are wide dynamic range (DR) and high sensitivity/low

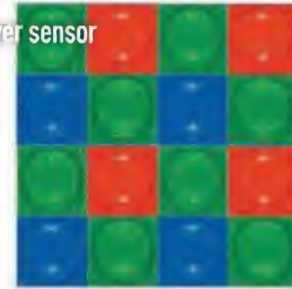
EXR sensor



noise (SN), which are best used in situations that test the camera's capabilities. These settings are meant to boost the performance, but resolution is halved to 6 million pixels in JPEG format. This is because the sensor is effectively divided into two, with each half given a different task.

In SN mode the photosites are arranged in pairs to collect more light. Combining the data from a similarly coloured neighbouring photosite is great in low-contrast light and reduces the

Bayer sensor



effect of chroma noise. DR mode 'underexposes' the photosites in one 'half', ending their exposure part-way through the total exposure time to reduce the amount of light they capture and therefore the risk of overexposure, all in one capture. Other cameras achieve an HDR-type image by combining two or more shots, which is less effective for moving subjects. In this instance, the X10 is better. Finally, HR mode produces a regular output for every photosite.

but offers the choice of customisation between image quality, AF mode and film simulation, among others. The dial to adjust exposure also switches between shutter speed and aperture in manual mode by pressing the dial in, which is handy considering that the control wheel operates micro-manual focus adjustments in MF mode instead of exposure control.

Handily, the drive-mode menu and timer menu are separate on the control wheel. This means a 2sec or 10sec delay can be combined with high-speed continuous shooting or any of the bracketing modes, which includes film simulation, auto exposure, ISO and dynamic range.

As an aside, the tripod bush is far enough away from the battery and memory card slot to allow access while the camera is mounted to a tripod.

Fuji's EXR processor uses two CPUs and an EXR Core processor. Not only are fast continuous captures available, but also full 1080p video recording for clip lengths in excess of 29mins. Using a High-Speed SD card, JPEG+raw capture takes 4secs to clear the buffer, but the user can take the next shot while the file is writing.

With its compact size, rangefinder style and quick response, the X10 should appeal to, and satisfy, the street photographer,

among others. An optional LC-X10 leather case complements the X10 perfectly, and provides protection and quick access to the camera.

9/10

WHITE BALANCE AND COLOUR

White balance has a button on the rear of the camera through which auto, seven presets (of which three are for fluorescent light and one is for underwater), custom and Kelvin for the full 2,500–10,000K colour temperature scale can be accessed.

The EXR sensor uses a different colour filter array to the standard Bayer arrangement, and promises strong colour rendition. For most images, it is difficult to notice any benefit to this in standard mode capture.

In reality, and like most systems today, auto white balance (AWB) can be relied upon in most situations for a fairly accurate colour rendition. Scrutinise the images from the X10 more closely, however, and on the whole AWB can be a tad cool, especially in tungsten light. In overcast light I took a range of photographs of the same scene using the Kelvin scale and then compared them with AWB, which I found to be a little cool and had a slight magenta cast.

In raw capture, shooting on a late afternoon in winter, the X10's colour rendition of the cool blue sky and warm skin tone is accurate



For any scene where a dominant colour can throw the system it is worth using the dedicated setting, be it shade WB on a cloudy day or daylight WB in sunlight. This is especially the case for portraits, where a cool rendition can be a little unflattering. On the whole, though, none of this is unusual for any camera system, be it DSLR, CSC or compact, but it is just good practice to remember.

As is standard for Fuji now, colour settings like vivid have film simulation names, such as Velvia. Black & white users will appreciate the four monochrome settings of yellow filter, red filter, green filter and standard black & white. Those learning photography should find the on-screen guidance helpful, which suggests a red filter for enhanced contrast and darkened skies, for example. Film simulation bracketing allows a simultaneous Velvia (vivid), Provia (standard) and Astia (soft) capture.

In its standard (Provia) mode, colours are natural, while the vivid setting gives some welcome punch.

8/10

Left: While luminance noise is present at higher sensitivities, the X10 still resolves a high level of detail



Below: On this dull overcast day, the vivid (Velvia) colour setting adds some welcome punch to the autumnal scene

METERING

As we have come to expect from most compact cameras, the 256-zone evaluative multi-segment metering system typically meters for print-ready images. It analyses the scene and



selects the appropriate setting. EXR shooting mode offers another auto option, although control over exposure is compromised. Often, dialling in underexposure of -0.7EV is about right, which is achieved quickly using the dial positioned near the thumb. Of course, raw files allow the freedom to make these changes post-capture.

Another option for accurate exposure is to use spot metering. This is linked to the autofocus and here it is particularly easy to use by selecting any one of the 49 points covering the greater part of the frame. Many other systems at this level are restricted to the central point of the frame. Average metering measures the entire scene to provide an average value.

8/10

NOISE, RESOLUTION AND SENSITIVITY

Although the sensitivity range extends from ISO 100-3200 to 100-12,800, the latter two EV stop settings are at a reduced resolution in JPEG format only. At ISO 12,800 the reduced file size affects clarity to the point that it does not even register on our resolution charts, and so is really not an option.

In full-resolution files up to ISO 3200, the resolved detail is impressive for a camera with this sensor size and resolution. Although noise is apparent, the impact on resolved detail is limited, with a drop-off from the 24 marker on our resolution chart at ISO 100 to the 20 marker at ISO 3200. Against the competition, this places the X10 with the best of them.

Opening up to a wide $f/2$ aperture, the lens controls vignetting very well indeed. Only the slightest signs are apparent at $f/2$ and $f/2.8$, and these have all but gone at $f/4$. Although the sharpest setting for the lens is between $f/4$ and $f/6.4$, edge detail is good when compared to the central part of the frame at any ISO setting, which means there is a consistently high standard of clarity over the entire frame.

At ISO 100-400 image detail is crisp, and it is only at the higher sensitivity range that detail becomes more smudged and reminiscent of what we would expect from a standard compact camera. When using the camera up to ISO 400 image quality is great, and at ISO 800 and beyond it is respectable.

28/30

AUTOFOCUS

Like most AF systems at this level, the X10's AF is compromised in low light, but it is very responsive in high-contrast light. While I suspect most users at this level will stick to multi-point AF, this is a shame because the camera has more to offer. As well as multi-point AF, the X10 offers tracking, spot AF and manual focus.

It should not be underestimated how useful a spot-focus and metering system is. This is

Facts & figures

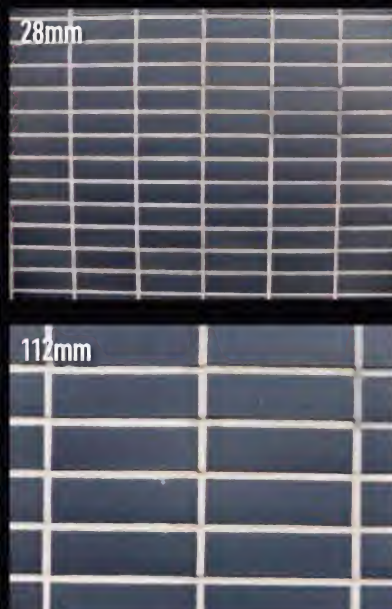
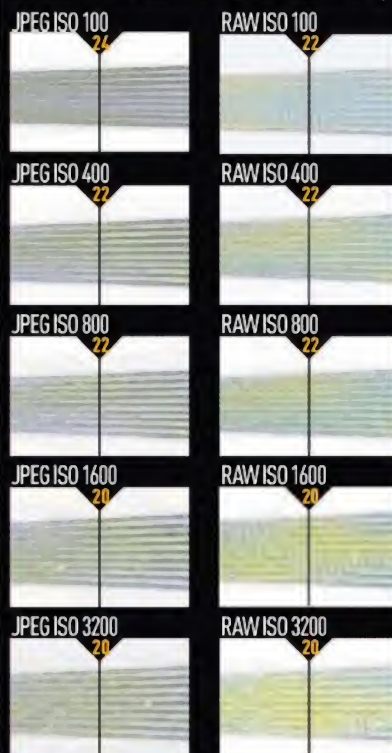


RRP	£529
Street price	£529 including LC-X10 leather case
Sensor	12-million-effective-pixel, 2/3in. EXR CMOS (8.8x6.6mm)
Output size	4000x3000 pixels
Magnification factor	3.93x
File format	JPEG, raw (RAF format), JPEG+raw, H.264 MOV video
Compression	2-stage JPEG
Colour space	Adobe RGB, sRGB
Shutter speeds	Up to 30-1/4000sec
Image stabilisation	Yes, lens shift
ISO	100-3200 (extended to ISO 12,800)
Exposure modes	Program, aperture priority, shutter priority, manual, EXR auto, custom 1 and 2, advanced and scene
Metering system	256-zone multi-pattern sensing system
Exposure comp	±2EV in 1/3 steps
White balance	Auto, 7 presets (including underwater and 3 fluorescent), custom and Kelvin 2,500-10,000K
Auto bracketing	3 frames at ±1EV in 1/3 steps for exposure and ISO, film simulation, dynamic range
Drive mode	10fps super-high, 7fps high (full res) and 5fps for raw, 2 or 10sec self-timer
LCD	2.8in, 460,000-dot LCD
Viewfinder type	Optical zoom with 85% coverage
Field of view	100% on LCD
Dioptr adjustment	-3.5 to +1.5
Focusing modes	Single, continuous, manual
AF points	Multi, evaluative, individually selectable single point from any of 49 points, AF tracking
Built-in flash	Yes, GN 5.5m @ ISO 100
Video	Full 1080p HD (30fps) with stereo sound
External mic	No
Memory card	SD, SDHC, SDXC
Power	NP-50 Rechargeable Li-Ion
Connectivity	Mini HDMI, digital/video out
Weight	350g (including battery and card)
Dimensions	117x69.6x56.8mm

Fujifilm, Unit 10A, St Martins Business Centre, St Martins Way, Bedfordshire, MK42 0LF. Tel: 01234 572 000. Website: www.fujifilm.com

RESOLUTION & NOISE

These images show 72ppi (100% on a computer screen) sections of images of a resolution chart, captured at $f/5.6$ and the 60mm setting of the lens. We show the section of the resolution chart where the camera starts to fail to reproduce the lines separately. The higher the number visible in these images, the better the camera's detail resolution is at the specified sensitivity setting.



Because of the high 3.93x magnification factor, barrel distortion is evident across the entire focal range, although at 112mm it is more subtle. There is no in-camera lens correction, which I would like to see, so this must be achieved post-capture using editing software.

FOCAL POINTS

Hotshoe

The X10's hotshoe mount is compatible with Fuji's EF-42 and EF-20 external TTL flash units, with the EF-20 complementing the size of the body perfectly

Built-in flash

There is a slightly underwhelming pop-up-type built-in flash, which Fuji informs us has a GN output of 5.5m @ ISO 100

Control wheel

The control wheel not only scrolls through the menus, but is also used to make fine manual focus adjustments

Raw capture

Another option to raw+JPEG capture is JPEG only and then use the dedicated raw button for a one-off raw+JPEG capture



Camera shown actual size

Lens stabilisation

Five of the 11 lens elements are equipped with a shift mechanism, correcting the position of the optical axis.

Macro

Super macro mode operates at a distance up to 1cm from the subject, while regular macro mode is up to 10cm.

Raw conversion software

Included with the camera is Silkypix viewer and raw conversion software, to work on the RAF raw files.

Bracketing

A number of bracketing options are available through the drive mode menu, including ISO, dynamic range, exposure and film simulation.

Live view



Playback



EXR info display





AWB is a too cool, WB shade is a touch warm, so the WB Kelvin adjustment is about right

particularly the case with the X10, as it is available with any one of the 49 individually selectable AF points and handily covers the majority of the frame. For quick handling, the selected point reverts to the central point by pressing OK.

Like single lens reflex (SLR) and older rangefinder cameras, the X10 has a switch next to the lens on the front of the camera, which, in this instance, controls AF-S, AF-C and manual focus. The latter is achieved with manual-focus assist, which provides focus magnification and a distance scale on the LCD screen, and is adjusted by using the control wheel. While this process is slow compared to lens adjustment, it is very worthwhile for accurate focusing and easy to complete.

7/10

LCD, VIEWFINDER AND VIDEO

The X10's 2.8in, 460,000-dot LCD screen has raised edges. This gives the initial impression that it is a tilted or articulated type, but alas it is fixed. There is a wealth of shooting information, including electronic level gauge, grid lines dividing the frame into 9 or 24 segments, histogram and the exposure settings.

Unlike the hybrid viewfinder of the X100, the X10 uses a built-in optical zoom viewfinder for image composition. It is linked to the manual zoom lens and, for a compact camera such as this, has an impressive 85% coverage and -3.5 to +1.5 dioptr adjustment. In use, the viewfinder is large and very bright. In fact, it is as bright as the human eye can perceive, which makes this the best option for composing in bright light.

The glass of the viewfinder is very close to the eye cup and picks up smudges and dirt easily. I had to clean the viewfinder several times throughout the test to see clearly. Its window is just above the lens position, and depending on the finger placement when turning the lens, the view can be obstructed. If fingers are placed on the

underside of the lens for zooming, though, this is not an issue.

As there is no basic exposure information in the viewfinder, I found myself using the viewfinder more sparingly, opting instead to use the shooting information on the LCD screen, especially when the lighting is unobtrusive. During an overcast day, when I could see the shooting information on the screen just fine, my use of the viewfinder was limited. If any macro mode is selected, there is no option to turn off the LCD screen, so make sure it is deactivated.

Video recording is available at 1080p via the shooting mode dial.

8/10

DYNAMIC RANGE

In its normal mode, images from the X10 appear to have a slightly wider dynamic range than those from its direct competition. Typically, image detail is recoverable from shadow and highlight areas at $\pm 2\text{EV}$ before distracting noise artefacts appear. As the camera exposes for print-ready images, highlights can be a little overexposed. This is where the shooting modes linked to the unique EXR colour array of the sensor are of benefit.

Wide dynamic range (DR) EXR mode produces an HDR-effect image in one capture, not by combining several frames together. Dynamic range optimiser can be set to auto or there are options for 100%, 200% and 400%. Sticking with auto usually produces a pleasing contrast, whereas pushing it to 400% can leave the images looking a little flat, with too much exposure given to shadow areas.

However, it is not just the dynamic range modes that boost performance when it comes to dynamic range, because high sensitivity/low noise (SN) gives greater depth to colour and contrast in low light, which is typically where images show less contrast and punch.

9/10

Competition



Canon PowerShot G12

TESTED AP 6 NOVEMBER 2010



Olympus XZ-1

TESTED AP 12 MARCH 2011

IN TERMS of style and handling, the X10's clearest competition is the Canon PowerShot G12. Both are large compact cameras by today's standards, at roughly the same size as the smaller compact system cameras with pancake lens attached. Against the G12, the X10 has a lot in its favour, not least of which its metal chassis, larger imaging sensor and fast manual zoom lens.

The faster $f/2$ maximum aperture and more limited zoom range of the X10's lens has more in common with other smaller high-end compact cameras, such as the Panasonic Lumix DMC-LX5 and Olympus XZ-1. In short, the X10 offers the best of both worlds, at a slightly higher price.

The price and size of the X10 do push it onto consumer-level CSC territory. Here its image quality is no match for the larger sensors and dedicated fixed lenses, although it still produces a respectable performance.

Verdict

IN BOASTING a high build quality, intuitive handling and a fast lens, the Fujifilm FinePix X10 combines the best of both high-end compact camera types, such as the larger Canon PowerShot G12 and Nikon P7100, with the smaller Panasonic Lumix DMC-LX5 and Olympus XZ-1. The X10 ticks all the right boxes and is a pleasure to use.

Thankfully, a lot has been invested in the X10's manual zoom lens. Its engineering is sophisticated and image quality is crisp across the entire frame at every focal length, and certainly at sensitivities up to ISO 400. Barrel distortion can be corrected easily enough at the computer, although I would like to see in-camera lens-distortion correction. For a high-end compact, the X10 resolves a high level of detail, but has a more limited performance at higher sensitivities.

The X10 costs a little more than other high-end compact cameras, but this model represents the top of the range before moving into CSC territory. It is a similar size to many consumer CSCs at this price, but has a built-in optical viewfinder. If the desire for simplicity provided by a compact camera is greater than the CSC, then the X10 is a winner.

		1	2	3	4	5	6	7	8	9	10
Amateur Photographer Tested as High-end compact camera Rated Very good 86%	FEATURES	9/10									
	BUILD/HANDLING	9/10									
	NOISE/RESOLUTION	28/30									
	DYNAMIC RANGE	9/10									
	AWB/COLOUR	8/10									
	METERING	8/10									
	AUTOFOCUS	7/10									
	LCD/VIEWFINDER	8/10									



MADE IN
POLAROID

IT'S BETTER WHEN IT'S INSTANT.



Z340

Instant Digital Camera with ZINK® Zero Ink® Printing Technology

The Polaroid Z340 Instant Digital Camera is the instant upgrade for sharing your instant moments. Using the 14 MP digital camera with 2.7" bright color LCD screen and integrated printer, photo printing becomes as mobile as photo taking. The Z340 instantly prints 3"x 4" full color images in under 45 seconds with ZINK® Zero Ink® Printing Technology. Not only will you capture the moment, you'll instantly hold it.

Available at:

Amazon, Firebox, Harrods, Selfridges, and all leading photographic retailers

EXCLUSIVE 4-DAY PHOTOGRAPHY WORKSHOP

WITH CHARLIE WAITE AND DAMIEN DEMOLDER

BOOK NOW
EARLY BIRD DISCOUNT
OF £45PP BY
24 FEBRUARY 2012

Photographer's
What Digital
Camera

Final booking
date 9 March
2012 £895pp
£850pp if booked by
24 February 2012

Due to popular demand, we've decided to run another exclusive Landscape Photography workshop hosted by landscape legend Charlie Waite and AP Editor Damien Demolder.

This exclusive tour will take place from 7-10 May 2012 among the enchanting landscapes of the Lake District. A group of just 14 photographers will be given guidance and tuition by these two top photographers in their field.

Based in the heart of the Lakes, at the charming Borrowdale Hotel, the group will travel in two minibuses to fantastic locations further afield. Charlie Waite, the founder of Light & Land, has a wealth of experience photographing Lakeland scenes and is expert at finding those magical

compositions that often elude others. Damien Demolder is gifted at explaining creative technique, as well as being knowledgeable about photographic equipment and its use.

The Lakes provide an astonishing variety of landscapes, from the bucolic beauty of sheep grazing in the Newlands Valley and the stark setting of the Neolithic Castlerigg Stone Circle beneath shapely Blencathra to the lovely wooded shore of Rydal Water, the awesome Hardknott Pass and the towering bulk of the Scafell range, with England's highest mountain.

The evenings will provide the opportunity to receive constructive feedback on your own work. This tour is designed to appeal to photographers of all levels and experience, whether they use digital or film, and any format.

Charlie Waite



Damien Demolder

INFORMATION

Dates: 7-10 May 2012

(arrive evening 7th, depart evening 10th)

Price: £850pp if booked by Friday 24 February 2012; £895pp if booked after 24 February 2012

Includes: Full-board accommodation, with daily packed lunch, transport during tour, tuition from Charlie Waite and Damien Demolder.

Excludes: Travel to and from hotel, insurance.

Final booking: 9 March 2012

Contact: Light & Land at www.lightandland.co.uk or call 01432 839 111. Full terms and conditions at www.lightandland.co.uk.



For full details or to book online visit www.lightandland.co.uk or call **01432 839 111**

DELKIN DEVICES® Invent. Design. Deliver.

Camera Mounts



SensorScope System

- The safest and most effective system for cleaning your digital SLR sensor
- Guaranteed 100% safe
- Compatible with all DSLRs



Protection



Snug-It camera skins protect the fragile components, buttons and compartments of a DSLR without obstructing usability or access. The tack-free silicone gives a sleek, clean appearance while ensuring that your camera stays pristine.

Pop-Up Shade LCD screen protection for DSLRs and compact digital cameras protect the LCD from scratches and damage, while a flip-up glare guard helps visibility in direct sunlight.

Memory



- 100% Compatible guaranteed
- High transfer speeds and high capacity
- Lifetime warranty on all memory cards



Readers & Adapters



- Readers and adapters available to read SDHC/SDXC & UDMA 8
- High speed data transfer with USB 2.0
- Plug and play, ultra portable

WINGMANTM HD

Waterproof 3oz. Action Camera



Waterproof

Dustproof

Shockproof

- 1.5" Colour LCD
- 1080p HD video
- 3x Digital zoom
- 150° Wide angle
- 8MP Sensor
- 2.98oz Weight
- 66x44x42mm
- Rubber coated



DELKIN DEVICES®

Web: www.delkin.com

Email: sales@delkineurope.com

Connect directly
using your smartphone
and QR app



Tel: 0800 1313 559

CONNECT YOUR IMAGINATION

MANFROTTO 290 SERIES

A long lasting solution with a solid performance.
The ideal tripod to develop your skill and passion
for photography and video further.

Essential performance!



Increase the accuracy of your
pictures with the innovative
3-faced design column.



A rock solid and reliable support
with professional grade,
adjustable aluminum leg locks.



Manfrotto
Imagine More



Sony NEX-5N

A 16.1-million-pixel sensor, LCD touchscreen and increased shooting rate to 10fps are just three of the upgrades to Sony's NEX-5N compact system camera. We put it to the test

Richard Sibley
Technical writer



WHEN Sony updated the NEX-3 with the 16.2-million-pixel NEX-C3 in June, it was a case of 'when' rather than 'if' the 14.2-million-pixel NEX-5 would receive a similar update. And it came just two months later, in August, when the 16.1-million-pixel NEX-5N was announced, adding a range of new features to the original NEX-5 that had been released just over a year before.

FEATURES

Like the NEX-C3, the NEX-5N uses Sony's IMX071 CMOS sensor. This sensor has already been discussed in some depth previously, particularly in regard to its use in the Nikon D7000 (see AP 30 April). The

sensor is highly regarded, producing very low noise levels, especially when it comes to recovering details in shadow areas.

When we originally tested the Sony NEX-5 (AP 5 June 2010), we were impressed with its features and image quality, but felt a little let down by its handling. However, there is one new feature on the NEX-5N that may go some way to improving its handling compared to the original camera.

With so few buttons on the Sony NEX-5, it was quite time consuming changing the most basic of features. Sony quickly released an updated firmware that enabled nearly all the camera's rear buttons to be customised for certain functions. Although this improved the handling of the camera, the NEX-5 was still crying out for one thing – a touch-sensitive screen. Clearly, Sony is either on the same wavelength or at least has listened to feedback from users, as the NEX-5N now comes equipped with a touch-sensitive screen.

AT A GLANCE

- 16.1 million effective pixels
- APS-C-sized sensor
- Up to 10fps shooting rate
- 3in touchscreen
- ISO 100-25,600
- Street price approximately £450 (body only)

Apart from these major changes, there are a few other upgrades worth noting. These include a boost in the maximum shooting rate from 7fps to 10fps, and an increase in the sensor's sensitivity range to ISO 100-25,600 compared to ISO 200-12,800 on the NEX-5.

There is also an optional electronic viewfinder (EVF) in the form of the 2.3-million-dot FDA-EV15 XGA OLED unit, which has the same specification as the EVF used in the Sony NEX-7 and the Alpha 77. The EVF plugs into the accessory port on the top of the camera where the optional flash would usually sit.

There is also a new LA-EA2 lens adapter that, unlike the standard LA-EA1, has the same translucent mirror technology as used in the Alpha SLT (single lens translucent) cameras. This not only enables different system lenses to be mounted, but also a small sensor allows phase-detection AF to take place with Alpha-mount lenses. Although the LA-EA2 adds considerable size to what is an otherwise very small compact system camera (CSC), it does increase the usefulness of these lenses. The adapter should find favour with Sony Alpha users, but it does cost a hefty £349.99.

Another new feature is an electronic first-curtain shutter mode. Instead of the first shutter curtain travelling across the front of the sensor, the read-out from the sensor is altered to replicate this movement. The

actual shutter curtain then rises, as normal, to complete the exposure. This reduces shutter lag fractionally, as the camera no longer has to close the shutter curtain and then reopen it to make an exposure. Another benefit of this system is a reduction in noise as the shutter mechanism is only heard to move once, rather than twice.

There is, however, a downside to the electronic shutter as, according to the Sony manual, 'when shooting at high shutter speeds with a large-diameter lens attached, the ghosting of a blurred area may occur, depending on the subject or shooting conditions.' This is worth noting for those users who wish to use telephoto Sony Alpha-mount lenses via an adapter, and in these situations the electronic front curtain mode should be switched off and the standard physical shutter mode used.

Video capture has also been improved, with the NEX-5N now shooting 1080p video footage compared with 1080i on the NEX-5. This means that footage is recorded more smoothly from frame to frame.

8/10

BUILD AND HANDLING

Although the NEX-5 and NEX-5N look identical, they are made from different materials. Where the NEX-5 only had a magnesium alloy top-plate, the updated camera has both a front and top that is made of magnesium alloy, with the rest being polycarbonate.

The button placement of the two cameras is identical and is still minimalist. However, the NEX-5N inherits the ability to allocate user-defined functions to these buttons. This makes it far easier to change particular settings that may be needed depending on your particular style of photography. In our tests, we set the three buttons to ISO, white balance and image style.

The biggest change is the touchscreen, which offers a new way of changing settings. While the touchscreen works well when touching to select, there is a noticeable lag when swiping a finger across the screen to scroll through settings. When trying to select a specific menu, it's often easier to revert to using the control dial and scroll through the settings before choosing the one you want.

Like the NEX-5 and NEX-C3, the NEX-5N strikes a good balance between quick control and access, while keeping the button layout and design simple.

8/10

METERING

While the evaluative metering on the NEX-5N works well, there are a few things to note. In the various manual exposure modes (aperture and shutter priority, manual and program) it appears that the AF point doesn't have any effect on the exposure.

When we set the camera to evaluative metering and used the touchscreen to change the AF point to different areas

Facts & figures

RRP	£509.99 (body only)
Sensor	APS-C-sized CMOS sensor with 16.1 million effective pixels
Output size	4912x3264 pixels
Focal length mag	1.5x
Lens mount	Sony E mount
Max File Size	Approx 8MB JPEG and 16MB raw
File format	Raw, JPEG, raw + JPEG simultaneously
Compression	2-stage JPEG
Colour space	Adobe RGB, sRGB
Shutter type	Electronically controlled, vertical-traverse, focal-plane type and electronic front curtain
Shutter speeds	30-1/4000sec in 1/3 steps plus B
Max flash sync	1/160sec
ISO	ISO 100-25,600 in 1EV steps
Exposure modes	PASM, iAuto, 8 scene modes
Metering system	1200-zone evaluative metering, centreweighted, spot
Exposure comp	±3EV in 1/3EV steps
Exposure bracketing	±0.7EV over 3 exposures in 1/3 or 2/3EV steps
White balance	Auto, 6 presets, plus custom and Kelvin settings
White balance bracket	No
Drive mode	3fps or 10fps for JPEG 10 shots, raw 6 shots, raw+JPEG 4 shots
LCD	3in touchscreen TFT LCD screen with 921,600 dots
Viewfinder type	N/A (optional optical for 16mm lens or electronic LA-EA2)
Field of view	N/A
Dioptr adjustment	N/A
Focusing modes	Auto, manual, DMF, face detection
AF points	25 automatically selectable points, 187 selectable single points
DoF preview	Yes
PC socket	No
Built-in flash	No, external supplied - GN 7m @ ISO 100
Cable release	No, optional infrared remote
Memory card	SD, SDHC, SDXC, Memory Stick Pro Duo
Power	Rechargeable Li-Ion battery (supplied)
Connectivity	USB 2.0 Hi-Speed, HDMI
Weight	210g (without battery or card/s)
Dimensions	110.8x58.8x38.2mm

Sony, The Heights, Brooklands, Weybridge, Surrey KT13 0XL. Tel: 01932 816 000. www.sony.co.uk

of brightness in the scene, the exposure settings didn't change. I didn't find this an issue because I much prefer the consistency gained by the exposure not being affected by the AF point.

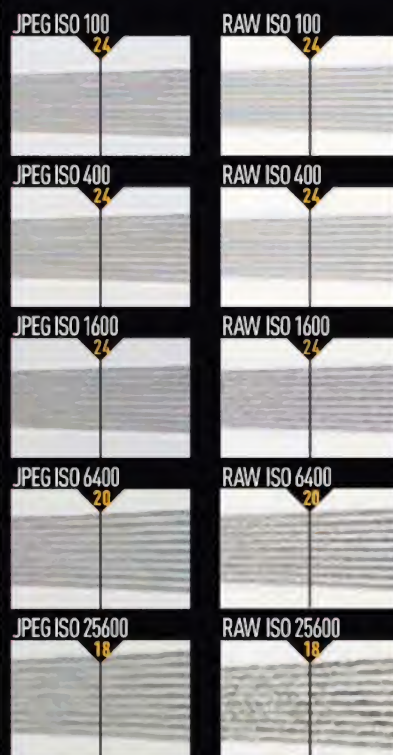
Centre spot metering and centreweighted metering are available for more awkward scenes, although it would be better to have selectable spot metering rather than just a centre spot. Obviously, other scene modes do take the AF area into consideration with, for example, the face recognition mode focusing and exposing for skintones.

Despite these few quirks, the evaluative



RESOLUTION, NOISE & DYNAMIC RANGE

These images show 72ppi (100% on a computer screen) sections of images of a resolution chart, captured using the kit lens set to 50mm (75mm equivalent). We show the section of the resolution chart where the camera starts to fail to reproduce the lines separately. The higher the number visible in these images, the better the camera's detail resolution at the specified sensitivity setting.



metering performs extremely well, even when dealing with very difficult backlit scenes, and there will be few situations where the other metering methods will be needed.

8/10

NOISE, RESOLUTION AND SENSITIVITY

The 16.1-million-pixel sensor of the NEX-5N has been used in a number of different cameras, made by three different manufacturers, so we know what to expect.



Colour noise is well controlled in JPEG images, with virtually none at any sensitivity. Of course, if you shoot raw files, or lighten the shadow areas of JPEG files some colour noise is revealed, but it is as well controlled as in other cameras that use this sensor.

Luminance noise is visible in the shadow areas of JPEGs at the maximum sensitivities. Noise reduction at higher sensitivities also decreases the amount of detail and texture, but this means even the highest sensitivities are usable. Sony is obviously confident enough with the image quality of the NEX-5N as the maximum sensitivity matches that of the Nikon D7000 (which uses the same sensor) of ISO 25,600.

There are a few new features that help image quality. Included with the in-camera software is automatic chromatic aberration, vignetting and curvilinear distortion correction. Each of these can be turned on or off individually, giving users as much control as they wish. Although these features are nearly always available on other cameras and are applied to some level automatically to JPEG images, well done to Sony for making these visible so that photographers know exactly what is going on behind the scenes.

27/30

DYNAMIC RANGE

Once again, the Sony IMX071 performs very well. DxO Labs (www.dxomark.com) measures the NEX-5N as having a dynamic range of 12.7EV, which makes it the highest rated CSC it has tested to date, beating the 12.2EV of the NEX-C3.

In use, the dynamic range is a match for most DSLR cameras, with minimal blown-out highlights in high-contrast scenes. Of course, the usual Sony dynamic range optimiser (DRO) effects are included, and with the low level of noise these work very well in reducing the contrast of a scene to reveal shadow and highlight details. If this isn't enough, in-camera HDR creation is also possible.

8/10

WHITE BALANCE AND COLOUR

Again, there is nothing too surprising about the way that Sony NEX-5N handles colour. There are a number of different creative styles, and each can be customised to suit individual photographers' requirements.

Similarly, there is a range of white balance settings to suit almost any situation, and these can be adjusted for greater accuracy. One thing to note is that the AWB setting leaves a lot of yellow/orange in the scene, and certainly more than most people will find acceptable. The tungsten setting produces a more clinical result, with neutral whites. A workaround for this is to edit the tungsten default and add just a hint of yellow/orange to the setting to obtain a realistic interpretation of a tungsten-lit scene. However, it all depends on your own personal taste.

Outside, the AWB setting works very well and doesn't reduce natural colours too much, so images retain some of the natural ambient vibrance.

9/10

VIEWFINDER, LCD, LIVE VIEW AND VIDEO

Although it is now touch-compatible, the 3in LCD screen retains the 921,600-dot resolution and tilting articulation. As with previous Sony NEX and Alpha cameras, the articulation works well, particularly for low angles, and the screen is bright and vivid.

Sony's new optional EVF, the FDA-EV1S, fits in the accessory port on top of the camera. As discussed earlier, this has the same resolution as the EVF found in the top-of-the-range NEX-7, but costs a pricey £319. When you add the cost of the NEX-5N to the cost of the EVF, it is a better option to buy the NEX-7, with its higher resolution, in the first place. Also, the optional EVF isn't compatible with the original NEX-5, or the NEX-3 or NEX-C3.

8/10



Above left: The camera meters backlit scenes well, and a great amount of detail can be recovered from the shadow areas of raw images

Above: Face detection is accurate and the in-camera black & white mode can be customised

AUTOFOCUS

The contrast AF system generally works well and the focus snaps quickly into position. However, in low light there were a couple of times when it failed to find focus.

One thing that the touchscreen is very useful for is selecting an AF point. Simply touching the screen makes this a far quicker process than using any of the directional controls. It is a feature that can also be found on the latest Panasonic G-series cameras.

However, the NEX-5N is missing one feature that the Panasonic G-series cameras have and that is the touch shutter feature, which selects the AF point and takes an image when the screen is touched. It would be good to see this feature incorporated into the NEX-5N at some point, and it could be applied via a firmware update in the future.

8/10

Verdict

WHILE it may seem that Sony has just added 2 million pixels to the NEX-5 and rebadged it, there is far more going on in the NEX-5N. For example, the image sensor isn't just of a higher resolution, as it also has a better dynamic range and improved handling of noise. The new optional EVF and phase-detection Alpha mount adapter are great additions to the NEX line-up, although they are expensive. While the touchscreen LCD is useful, it is not as significant as we would have hoped.

However, the Sony NEX-5N is bettered by few compact system cameras when it comes to image quality, and although it may be seen as the little brother to the NEX-7, for many it will be hard to argue against investing in the image quality, size and handling of the NEX-5N.

	1	2	3	4	5	6	7	8	9	10
Amateur Photographer										
Tested as an Enthusiast CSC										
84%										
Features	8/10									
Build/Handling	8/10									
Noise/Resolution	27/30									
Dynamic Range	8/10									
AWB/Colour	9/10									
Metering	8/10									
Autofocus	8/10									
LCD/Viewfinder	8/10									

AskAP

Let the AP team answer your photographic queries

SENSOR DUST

Q I have read quite a few tests on the Sony Alpha range of cameras, but have seen no mention of sensor dust. Is the sensor on these cameras hermetically sealed by the mirror, so ending the problem of sensor dust? If it isn't, how on earth do you clean it? **Peter Knight**

A We asked Paul Genge of Sony UK to clarify matters regarding dust in the new range of Sony SLT (single lens translucent) cameras. He says: 'From both consumer feedback and personal experience, I can report that dust on the sensor in SLT cameras is less of a problem than in previous DSLR models. This is difficult for magazines to test during their assessment of cameras as it's something that occurs over time. SLT cameras are not sealed around the mirror to the extent mentioned, as this would

introduce further costs for little gain.

'We have found that having a fixed mirror reduces the amount of dust pulled into the camera in the first place and then circulated around the mirror box area, thus decreasing the chances of it sticking to the charged sensor during operation. Should dust become a problem, you can manually access the sensor to clean it. Within the set-up menu there is an option for sensor cleaning, which holds the mirror up.'

Ian Farrell

ASK...

Be it about modern technology, vintage equipment, photographic science or help with technique, here at AP we have the team that can help you. Simply send your questions to: apanswers@ipcmedia.com or by post to:

Ask AP, Amateur Photographer Magazine, IPC Media, Blue Fin Building, 110 Southwark Street, London SE1 0SU.

COLD COMFORT

Q In AP 12 November, Ian Farrell answered a question about battery and condensation issues for someone planning to visit Iceland, which was very interesting and helpful. My wife and I are going to Yellowstone National Park in the US in January and would like to know what your recommendations are for changing lenses in sub-zero conditions. We will be taking two camera bodies each, but will probably still need to change lenses when out and about. Temperatures are likely to be below -15°C!

Adrian Binney

A Not being a fan of the cold, I have limited experience of this type of photography. However, a friend of mine more or less specialises in it. Martin Hartley has been on numerous polar expeditions and offers the following advice: 'Changing lenses outside will not be a problem at any temperature so long as snow isn't blowing around. Do make sure, though, that you don't breathe onto the front or rear elements of the lens. The moisture in your breath will condense on the glass and freeze, and that is very hard to remove. It is also advisable to cover your mouth or hold your breath while changing lenses to avoid pumping moisture into the camera body, which could then freeze into ice crystals inside the camera. These get pulled onto the chip, resulting in lots of spots on all your images.'

'Returning to a warm room is where the real trouble starts. If you've finished shooting and are going to a hotel for the night, dismantle the cameras and place them in a warm place inside a sealable bag with some silica gel. This prevents humid air staying in the lenses and condensing the next time you go outside. If travelling by car, keep the windows open or put the cameras in the boot to keep them at a lower temperature and away from humidity. If you are camping, leave all camera kit outside the tent in a dry bag, but take the batteries inside the tent in a bag to prevent condensation from the tent environment getting into the camera.'

f/AQ

How did ISO come about?

One control on our digital cameras that we are all familiar with is ISO. Along with shutter speed, aperture and the intensity of light itself, ISO is one of the four variables we can adjust to control exposure – that is, the brightness of a photograph. Like other variables, ISO is a numerical scale, with doubling values indicating a doubling in sensitivity – in other words, an increase of 1 stop. Each



FROM THE AP FORUM

Overcoming barrel distortion

Matt F asks I have been experiencing some strange results when using my Canon EOS 450D and Canon EF-S 18-55mm f/3.5-5.6 IS lens. On some shots I have noticed that what should be a perfectly straight horizontal line, such as a horizon, will curl up at the edges. Can I do anything about this or do I need to invest in a new lens?



Norman replies I expect that what you're seeing is slight barrel distortion. I don't know whether this lens has a reputation for this, but if it does then there's not much you can do. You could try keeping the lens as horizontal as you can when using it. Some

image-editing packages can correct for the problem and have 'presets' for known lenses. Photoshop and Lightroom come to mind, but Canon's own Digital Photo Professional may also have the option.

Nimbus replies All wideangle lenses suffer from a degree of barrel distortion, but a kit zoom is the most likely culprit for it to become obvious. It happened with film as well. Any lens has compromises in its design, and the cheaper the lens the greater these are likely to be. Even prime wideangles suffer from it, but not to an immediately obvious degree, for the same kind of reasons that telephoto zoom lenses tend to suffer pincushion distortion.

Olybacker replies This Canon 18-55mm is not known as a blistering performer, although budget kit lens performance can vary widely from lens to lens. What you pay for in top-of-the-range lenses, among other things, is tighter tolerances and better testing and adjustment at the factory. The beauty of digital imaging is that you can correct the curl (distortion) with software in post-production on a computer.

You can see Martin's amazing photography at www.martinhartley.com. **Ian Farrell**

WHITE SPACE

Q Would there be any advantage in printers having a white ink cartridge? Rather than relying on the paper to provide whites in a print, a white ink cartridge might offer some versatility in the tones available. Would this be viable? **David Smith**

A Inkjet printing relies on a model where cyan, magenta, yellow and black inks are mixed together to form (almost) any colour we want. Adding ink always makes things darker, which is why

we rely on the colour of the paper itself to provide the white.

Some specialist inkjet printers that are designed for use in the packaging industry use a white cartridge because they are designed to print on media that is not itself white, such as cardboard, and produce blocks of constant bold colour, not the subtle tonal reproductions demanded by photographers.

Interestingly, some printer manufacturers use a clear cartridge, which deposits a kind of varnish in areas of the picture that receive no ink. This makes the reflective properties of the final print the same everywhere and reduces metamerism.

Ian Farrell

doubling is equal to the halving of a shutter speed or the opening of the camera's aperture by 1.4x (say, from f/8 to f/5.6).

Interestingly, ISO sensitivity is not as old as the scales that denote aperture and shutter speed. In fact, if we go back to the days of film photography, we'll see that sensitivity of different emulsions to light was measured in more than one way. The dominant scale was ASA (American Standards Association), which most closely resembles the ISO scale we use today. Again, a doubling from 100 to 200 to 400 indicates an increase of sensitivity of 1 and then 2 stops. On this side of the Atlantic the Germans developed the DIN scale, which was logarithmic in nature and not linear, while the Russians produced a scale called GOST. Other standardisation organisations (including British Standards) have developed procedures and systems for

standardising the sensitivity of film, but these didn't make it to still photography.

It was in 1974 that ASA and DIN were combined into ISO – the International Standards Organisation. A true ISO film speed is quoted with both arithmetic and logarithmic portions, such as ISO 100/21° or ISO 400/27°, although these days the old DIN part is often missed out.

When digital photography appeared, ISO was kept as a measure of the level of amplification applied to the signal coming from the camera's sensor. Digital ISO and film ISO are designed to be comparable with each other and provide photographers with some consistency, even though their methods for determining each is outlined in completely different documents separated by some 25 years.

Ian Farrell

In next week's AP

On sale Tuesday 13 December



MAGNUM

MAKING CONTACTS

We talk to editor **Kristen Lubben** about how the monumental publication *Magnum Contact Sheets* was produced

AP EXPLAINS

CUSTOM WHITE BALANCE

Colour rendition is key in image making, and **Tim Coleman** explains how to use custom white balance for accurate colours

ON TEST

RICOH GR DIGITAL IV

Richard Sibley tests the 10-million-pixel Ricoh GR Digital IV compact camera



PET PHOTOGRAPHY

ANIMAL MAGIC

Paul Walker with tips and advice on how to take great photographs of family pets

ICONS OF PHOTOGRAPHY

LEICA/MINOLTA SLR

Ivor Matanle reports on a fruitful if at times impenetrable technical partnership



MADE IN
POLAROID

TWO IS BETTER THAN ONE

Introducing the New DUA Flash

DSLRs are multi-functional and now your flash can be too! The DUA flash's powerful LED light supplies luminous directional lighting for both video recording and still photography. The flash features swivel and bounce capabilities and are available in both an auto zoom and manual formats. Various TTL metering systems are available. Go create!

Available at all good photographic stores

Polaroid, Polaroid & Pixel and Made in Polaroid are trademarks of PLR IP Holdings, LLC. Used under license.



london**camera**exchange

Nikon Cameras this Christmas

Nikon 1 J1

c/w 10-30 Lens
• 60 fps
• Full HD movie
• Still recording

ONLY £499.99

Nikon 1 J1 TWIN KIT

c/w 10-30 & 30-110
Zoom Lens

ONLY £599.99



Nikon 1 V1

TWIN KIT

c/w 10-30 &
30-110 Zoom Lens

- 60 fps
- Full HD movie
- Built in viewfinder

ONLY £899.99



Nikon D5100

c/w 18-55 VR Lens

- 16 Mega Pixel
- Live View
- Full HD movie

**NOW ONLY
£649.99**



LATEST USED EQUIPMENT... Phone us for part exchange price

CANON 1100D BODY	£299.99
NIKON 80-400MM VR	£799.99
CANON 350D + 18-55MM KIT	£199.99
SONY ALPHA 700 BODY	£499.99
NIKON COOLPIX P7000	£229.99
CANON 580 EX FLASHGUN	£249.99
PANASONIC LUMIX FZ100	£289.99
PANASONIC LUMIX GF2 + 14-45MM KIT	£299.99
SIGMA CAF 105MM MACRO	£299.99
SONY 20MM F2.8	£349.99

NIKON PREMIER DEALER

53 The Horsefair, Broadmead, Bristol
NEXT TO DEBENHAMS 01179 276 185

SIGMA 50-500mm OS HSM Canon Fit (Refurbished)	£499.00
CANON 580EX II FLASH	£299.00 5*
CANON 24-105mm f/4 L	£699.00 5*
NIKON 70-300mm VR ED DX	£349.00 5*
NIKON 24-120mm VR ED f/3.5-5.6G	£249.00 4*
SIGMA 170-500mm f/5-6.3 Nikon Fit	£399.00 5*
SONY 50mm f/1.8	£119.00 5*
CARL ZEISS 35-70mm for Contax G2	£399.00 5*
NIKON D100 Body	£149.00 4*
PANASONIC GF2 Body (Ex-Demo)	£219.00 5*

LEICA SPECIALIST DEALER

3 Alliance House, Baldwin St, Bristol
OPPOSITE THE HIPPODROME 01179 291 935

CANON EOS 350D + 18-55MM LENS	£278.99
CANON EOS 1D MK. 3 BODY	£1699.99
CANON EOS 20D 18-55MM IS LENS	£299.99
MAMIYA RB67 pro F + 90mm f3.8 + 120 back	£499.99
NIKON 24-120mm f3.5-5.6 VR lens	£399.00
NIKON D80 + 18-55mm VR lens	£359.00
NIKON 70-300mm f4-5.6G	£399.00
OLYMPUS EP-1 + 14-42mm lens	£279.99
OLYMPUS EP-1 + 17mm f2.8 & VF-1 viewfinder	£399.99
OLYMPUS EPL-2 + 14-42mm lens, (red body)	£329.99
OLYMPUS FL-14 flashgun for PEN	£99.99
PANASONIC DMC-FZ28	£169.99
PENTAX ist DL body	£150.00
SIGMA 15-30mm f3.5-4.5 for Canon	£449.99
SIGMA 500mm f4.5 for Nikon	£1899.00
SIGMA 12-24mm f4.5-5.6 for Nikon	£499.99
SONY Alpha 580 + 18-250mm lens	£848.99
SONY Alpha 550 + 18-55mm lens	£399.99

..... AND MUCH MORE, SEE OUR WEBSITE

NIKON PROFESSIONAL DEALER

13 Cheap Street, Bath
NEXT TO THE ABBEY 01225 462 234

Condition description 1* - 5*

DATAFILE

RRP
From £499 (SIM free)
Processor
A5
LCD
3.5in, 1.8 million dots
(960x640 pixels)
Sensor
8-million-pixel CMOS
Camera features
Autofocus (touch focus),
Face detection,
LED flash,
VGA front camera
Video
Full 1080p HD
Communication
GPS, GLONASS,
Digital Compass,
Wi-Fi, 3G, Bluetooth
Dimensions
115.2x58.6x9.3mm
Weight
140g



Image quality is impressive at smaller sizes, and with the use of the HDR function gives a decent dynamic range

Apple iPhone 4S

Camera phones are often used instead of compact cameras to record social occasions, holidays and weddings. **Mat Gallagher** finds out whether the latest Apple iPhone can really replace a compact

THE FIRST cameras to be fitted into mobile phones seemed rather pointless additions. The image quality of the cameras was poor and the phones lacked a flash, so they produced only vague interpretations of the subject. Quality soon improved, though, with better lenses, higher resolutions and intelligent processing. The camera on the Apple iPhone 4 was classed as one of the best on the market, and although it had only a 5-million-pixel sensor, the colour and detail were impressive and it sported additions such as autofocus and HDR.

NEW FEATURES

The iPhone 4S was launched in October and offers many improvements over its predecessor, despite looking almost identical. The main developments include a new faster A5 processor (as featured in the iPad 2) and a new voice-control system. A wide range of controls, such as making calls, sending text and setting reminders, can be asked of the phone via a digital assistant known as Siri. More notable for photographers, though, is the inclusion of a new 8-million-pixel sensor, brighter f/2.4 optics, infrared blocker and enhanced low-light capability. The new iOS5 operating system can also update previous models, and this brings image editing and use of the volume button on the side as a shutter button for when the phone is held on its side.

PERFORMANCE

The iPhone 4S sensor unit is a backside-illuminated CMOS device that is believed to be made by Sony, and images appear extremely detailed. Combined with the larger aperture and improved processing, low-light shooting is impressive. However, this sensor is no match for that found in a DSLR or CSC (compact system camera) if you want prints larger than 6x4in, and it lacks the ingenuity of Sony's night-shot noise-reduction technique. Shooting is improved by the shutter button use, allowing a steadier hold than when trying to tap the screen to take the picture. The HDR function is pleasingly subtle and brings back some detail into shadow and highlight areas, although in extreme highlights the effect can cause some polarisation. There is a slight difference in ratio between the LCD screen and the sensor, with the LCD being a 960x640-pixel (3:2) screen and the sensor recording 3264x2448 pixels (4:3). Instead of displaying the image with black space at the top and bottom when opened,

though, the iPhone crops in, and only by zooming out do you see the whole image.

The iPhone 4S actually has two cameras, the second being a front-facing VGA resolution unit, and used for video calling (Facetime) and self-portraits. It is a shame that this is still such low resolution, as one of the most used photo opportunities for a phone has to be for a self-portrait.

The iPhone is not just about taking photos, though. Images can now be edited with basic crop, red-eye removal and auto enhance tools from the gallery, while a range of apps can also be downloaded. The Camera+ app (69p) allows the AF point and metering point to be separated, and has a digital stabiliser, self-timer and burst-mode function, plus a range of colour effects and adjustments. Filterstorm (£2.49) is an advanced photo editor that offers drag-able curves control to auto enhancements. Other apps allow the camera to be used for even more creative functions. For example, Pocket Light Meter (free) enables the device to work as a standard reflective light meter, with the ability to set ISO, aperture and shutter speeds, making it a handy companion alongside non-light metered film cameras. The iPhone also records video in full 1080x1920 HD at 30fps, and can be edited using the iMovie app (£2.99) on the phone. **AP**

Verdict

THE BEAUTY of taking pictures on your phone is that shots



can be instantly uploaded or emailed to sites such as Flickr and Facebook, or to friends and family directly using the 3G or Wi-Fi connection. Perhaps this instant sharing ability is more important than the quality of the pictures, but that image quality is now so close to basic point-and-shoot cameras that it is becoming tough to justify having both a compact camera and a phone. The iPhone 4S is a very impressive device with a decent camera.

Stores: visit www.apple.com/uk/retail. Online: visit <http://store.apple.com/uk>

YES! I would like to subscribe to Amateur Photographer

- ☐ 3 monthly Direct Debit, pay only £18.99 every 3 months saving 42% off the full price of £33.15
- ☐ 2 year subscription (102 issues), pay only £154.99, save 41%
- ☐ 1 year subscription (51 issues), pay only £79.99, save 39%

Your Details:

Mr/Mrs/Ms/Miss: Forename:

Surname:
If you would like to receive emails from Amateur Photographer and IPC containing news, special offers, product and service information and, occasionally, take part in our magazine research via email, please include your email below:

Email:

Address:

Postcode:

Home Tel No: (inc. area code)

If you would like to receive messages from Amateur Photographer and IPC containing news, special offers, product and service information and, occasionally, take part in our magazine research via your mobile, please include your mobile phone number below:

Mobile No.:

Year of Birth:

I would like to send a gift to:

Please also fill out 'Your Details' above. To give more than one subscription, please supply address details on a separate sheet.

Mr/Mrs/Ms/Miss: Forename:

Surname:

Address:

Postcode:

If the person receiving the subscription is under 18, please add their year of birth here:

Year of Birth:

Choose from 3 easy ways to pay:

1. Pay £18.99 every 3 months by Direct Debit (Complete the Direct Debit form below)
2. I enclose a cheque/postal order made payable to IPC Media Ltd., for the amount of £
3. Please debit £ from my:
 - ☐ Visa ☐ Visa Debit ☐ MasterCard ☐ Amex ☐ Maestro (UK only)

Card No: (Maestro only)

Expiry Date: Issue No./Start Date:

Signature: Date:

(I am over 18)

Instruction to your Bank or Building Society to pay by Direct Debit

For office use only. Originator's reference - 764 221



Name of Bank:

Address:

Postcode:

Account Name:

Sort Code: Account No:

Please pay IPC Media Ltd. Direct Debits from the account detailed on this instruction subject to the safeguards assured by the Direct Debit Guarantee. I understand that this instruction may remain with IPC Media Ltd. and if so, details will be passed electronically to my Bank or Building Society.

Signature: Date:

(I am over 18)

Offer only open to new subscribers. Final closing date for all orders is 1st February 2012. Orders purchased as a gift before the 8th December 2011 will start with the February 2012 issue published in January. All weekly titles will begin with the first available issue in January. All gift orders purchased after this date will begin with the first available issue. Orders purchased for yourself will start with the next available issue - please allow up to six weeks for delivery. 8 weeks for overseas orders. If you supply an email address your order will be acknowledged by email and you will be given the option to request a gift card electronically or by post. If you do not supply an email address you will automatically be sent a postal gift card. All prices are discounted from the full subscription rate advertised in each title, include P&P and are correct at time of going to press. Credit/debit card charges will be taken in sterling. If the magazine ordered changes frequency per annum, we will honour the number of issues paid for, not the term of the subscription. Offer only available for delivery to UK addresses. For enquiries and overseas rates call +44 330 3330 233, or email ipcsubs@quadrantsubs.co.uk. Amateur Photographer, published by IPC Media Ltd (IPC), will collect your personal information to process your order and to gain a better understanding of our readership. Amateur Photographer and IPC would like to contact you by post or telephone to promote and ask your opinion on our magazines and services. Please tick here if you prefer not to hear from us. IPC may occasionally pass your details to carefully selected organisations so that they can contact you by telephone or post with regards to promoting and researching their products and services. Please tick here if you prefer not to be contacted. IPC would like to email you with offers from carefully selected organisations and brands, promoting and researching products and services. If you want to receive these messages please tick here. **PRIZE DRAW A full list of the prize draw terms and conditions is available at www.magazinesdirect.com/prizedraw2012. Booking dates - restrictions apply. Entrants must be over 18. No purchase necessary. Please tick here to enter prize draw only. The prize draw closes on 1st February 2012.

CODE: BRZ1

Give more Save more

Great savings when you buy two or more subscriptions.

Over 50 top titles to choose from.



Visit: www.magazinesdirect.com
Or call: 0844 848 0848

❄ A subscription makes a thoughtful and lasting gift – there's a magazine for everyone!

❄ Why not treat yourself?

❄ Convenient delivery to you or your recipient

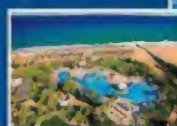
❄ Free gift card with every gift subscription received before 8th December*

Plus – Win a five night luxury holiday for two people to Fujairah worth £5,500.**

Le Méridien and Emirates Airline are giving you the chance to win a five night luxury holiday including flights to Dubai for two adults staying at the Le Méridien Al Aqah Beach Resort in Fujairah. You will be automatically entered into the prize draw on purchasing a subscription. For more information about this fantastic prize and for terms and conditions please visit www.magazinesdirect.com/prizedraw2012



For more information about Le Méridien Al Aqah Beach Resort please visit www.lemeridien.com/fujairah or Emirates, please visit www.emirates.com/uk respectively



Complete the coupon opposite and send to:

**IPC Media Ltd, FREEPOST SEA 4394,
Haywards Heath, WEST SUSSEX, RH16 3BR
(NO STAMP NEEDED – UK ONLY)**

Follow us on twitter
[@Magazinesdirect](https://twitter.com/Magazinesdirect)

Like us on facebook
facebook.com/magazinesdirect

Special Christmas Subscription Offer

The perfect Christmas gift for
only £18.99



**Save
42%**

 **www.magazinesdirect.com/i2rz**

0844 848 0848 quote code: BRZ1

Please have your payment details ready when you call. Open 7 days a week from 8am to 9pm (UK time) **Overseas: +44 (0)330 3330 233**

THE DIRECT DEBIT GUARANTEE: ● This Guarantee is offered by all banks and building societies that accept instructions to pay Direct Debits ● If there are any changes to the amount, date or frequency of your Direct Debit IPC Media Ltd. will notify you 10 working days in advance of your account being debited or as otherwise agreed. If you request IPC Media Ltd. to collect a payment, confirmation of the amount and date will be given to you at the time of the request. ● If an error is made in the payment of your Direct Debit, by IPC Media Ltd. or your bank or building society you are entitled to a full and immediate refund of the amount paid from your bank or building society – If you receive a refund you are not entitled to, you must pay it back when IPC Media Ltd. asks you to. ● You can cancel a Direct Debit at any time by simply contacting your bank or building society. Written confirmation may be required. Please also notify us.

Professor
Newman
explains...

Resampling

AP's photo-science consultant **Professor Bob Newman** explains how resampling affects the final viewing quality of an image

DIGITAL images consist of sampled data. Almost invariably, the image captured by the camera will need to be resampled at some stage. Some people refer to this process as resizing, but I prefer the term resampling because a digital image has no intrinsic 'size' until it is displayed on an output device with some fixed pixel spacing.

Sometimes this resampling occurs invisibly, with the action buried away in camera JPEG engines, print drivers and screen drivers. Since the way in which an image is resampled can critically affect its final viewing quality, it is best to ensure that it is done properly. Often this will mean taking manual control of the process.

WHEN RESAMPLING IS NEEDED

Resampling is required to provide an image with a pixel matrix that will display at the desired size on the selected output device (or, in the case of an electronic display, that will fill the screen). Different devices have

widely different effective pixel counts. A full high-definition television has a pixel matrix 1080 high and 1920 across, or just over 2 million pixels, whereas an A3 print made using a printer with 360 pixels per inch (such as an Epson printer) has a matrix 4208 high and 5954 across, or just over 25 million pixels.

The resolution of a camera's sensor is fixed, so some resampling will be required to produce an output on virtually any device. Moreover, it is likely that the aspect ratio of the sensor will not match that of the output medium, requiring a crop to be made before the image is displayed. For instance, a typical DSLR has an aspect ratio of 1.5:1, which means that the long side is 1.5x as long as the short side. An HD TV has an aspect ratio of 1.78:1 (more often stated as 16:9), while an A-series paper print has an aspect ratio of 1.414:1. Therefore, from the 1.5:1 DSLR frame, two small strips will be lost top and bottom (assuming a landscape image) to display

on an HD TV and two strips at the sides to print onto A-series paper. The remaining portion of the sensor is the effective resolution at that aspect ratio. As a working example, let's take the Nikon D7000, a 16-million-pixel camera with a matrix of 4928x3264 pixels. To crop this to the HD TV aspect ratio, we'll take the long dimension of 4928 pixels, but that will only allow 2772 pixels in the other dimension, for 13.7 million pixels. To downsample this to 1920 pixels in the long direction a linear downsampling ratio of 2.57 is needed. For an A3 print, using the full short side of 3264 pixels gives 4614 pixels for the long side, or 15 million pixels. To produce an A3 print, the image will need to be upsampled by 1.29x linearly.

SAMPLING THEORY

Digital cameras are sampling systems in that they represent a continuous function (in this case, the range of light values in a scene) with a set of discrete samples. This type of system was described by Claude Shannon and Harry Nyquist of Bell Laboratories in 1948. They described the requirements for the complete reconstruction of a sampled signal. In essence, the function must be sampled at twice the frequency of the highest frequency component. Reversing the idea, for a given sampling frequency the highest frequency signal must be half that, known as the 'Nyquist limit'. In digital imaging terms this means that the sample distance (pixel pitch) must be half the size of the smallest detail to be captured. Under these conditions, the original signal can be reconstructed by overlaying a set of 'sinc' functions (a sine wave with reducing amplitude) on the samples – although generally in real sampled systems some simpler form of averaging is done (with the penalty being a slight loss of information).

A consequence of this theory, which is very important for the design of digital cameras and processing, is that if the image contains detail above the Nyquist limit, that detail will be sampled but cannot be properly reconstructed. Attempts to reconstruct it result in false detail in the final image known as aliasing. Sometimes aliased detail can be subjectively quite convincing, while at other times it is not, such as colour moiré.

Resampling falls foul of aliasing. Effectively downsampling is the reduction of the sampling rate. If the original image contains detail smaller than twice as large as the output pixel pitch, that detail will be visible as false patterns in the resampled image. This is particularly the case with noise, which is effectively 'detail'. If the original image contains noise above

Figure 1a At the top is the input pixel array and below it the pixel values. Next is the output array.

Figure 1b Nearest neighbour: this is the simplest interpolation method in which the output pixel value is selected on the basis of the nearest input pixel. It is fast, but liable to extreme aliasing when downsampling and pixellation when display drivers.

Figure 1c Bi-linear: the output value is a weighted average of the pixels immediately surrounding it. This is also subject to aliasing and is frequently found in better screen drivers and many printer drivers.

Figure 1d Bi-cubic and Lanczos (sinc): instead of an average, a mathematical curve is fitted to the range of pixels on either side of the output pixel and the value of the output pixel is estimated from the value of the function at the appropriate point. Bi-cubic uses a cubic function and Lanczos uses a sinc function.

Figure 1a

Figure 1b

Figure 1c

Figure 1d

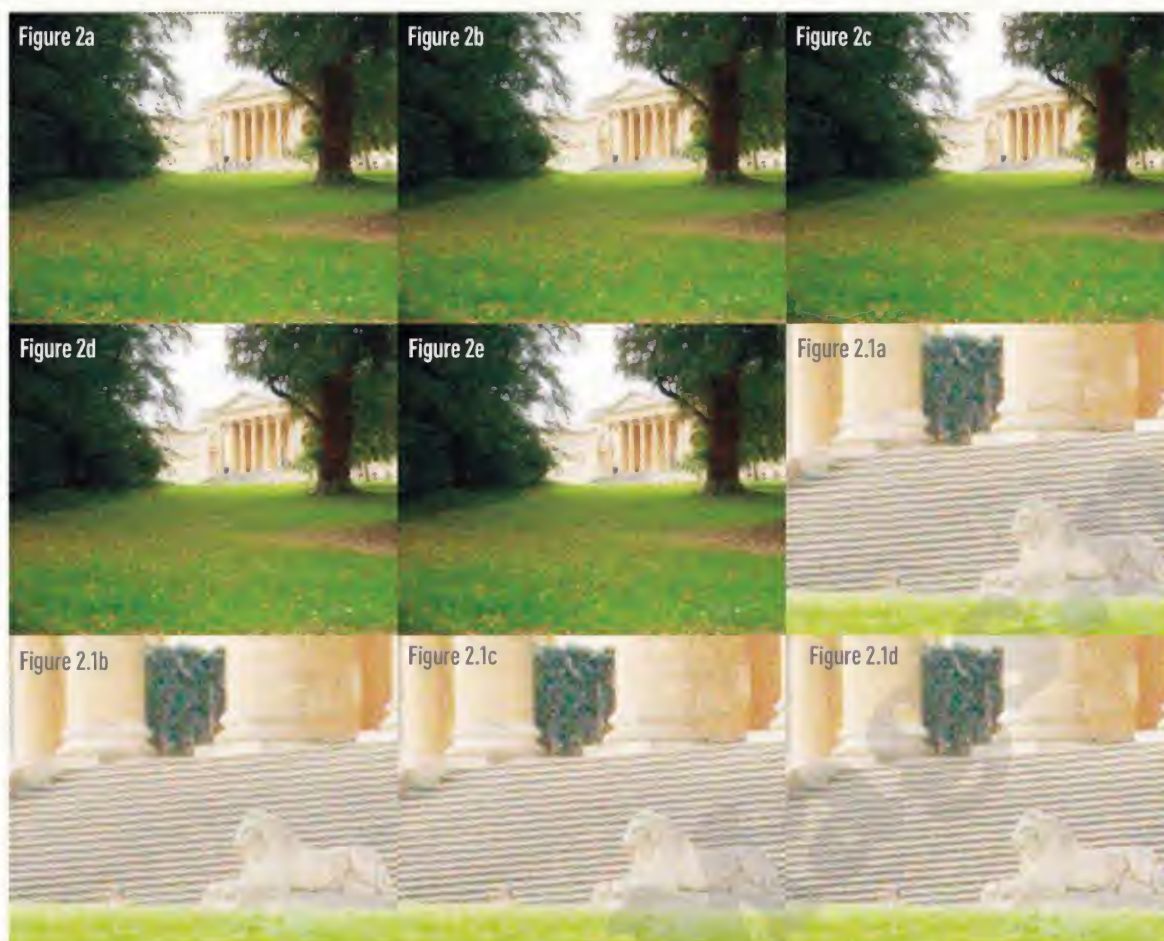


Figure 2 The noisy version of Stowe Court, resampled using different resampling methods.

2a Downsampled by a factor of 5 using nearest neighbour. Note the amount of noise that has aliased into the image, and the strong aliasing on the steps. This was downsampled using a typical display driver.

2b Bilinear. 2c Bi-cubic. 2d Lanczos. There is progressively less noise aliasing in these images, but there is still aliasing on the steps.

2e Lanczos with a pre filter (Gaussian Blur Radius 2.5 pixels). The aliasing on the steps is nearly eliminated. 2.1a-d Upsampled by a factor of 3 using the same methods as above.

the Nyquist limit, that noise will be aliased into the final image.

HOW IT'S DONE

Resampling (both up and down) is done by interpolation to find the value of an output pixel positioned between input pixels. Looking at Fig 1(a), the task is to calculate the value of the pixel (here the task is shown in one dimension for simplicity). To achieve a two-dimensional result, the procedure is simply undertaken in both 'x' and 'y' directions. As we saw in the article about demosaicing (AP 12 November), the nature of the interpolation can drastically alter the result. The common interpolation methods, such as nearest neighbour, bi-linear, bi-cubic and Lanczos, are illustrated in Fig 1. The different resampling methods can produce drastically different results. Fig 2 shows the results of downsampling and upsampling using the different methods.

Perusing the design of the various resampling tools available, it's quite clear they have been designed with a focus on upsampling. The reason for this is that they originated at a time when cameras had low pixel counts, and most resampling to suit the majority of output media was upwards. Nowadays, the situation is often reversed, as we have very high pixel-count cameras and often find ourselves downsampling to

suit a selected output format. The quality of a downsampled high-pixel-count camera will almost always exceed that of a camera with a native resolution the same as the output medium, just so long as the resampling is optimised for the downward process. Many imaging-processing tools do not do this as well as they might, so below is a recommended technique for downsampling.

RESAMPLING TECHNIQUE

If you seek the highest quality output, it is best to take control of the downsampling for yourself. This applies equally to the production of low-resolution computer and web images, which can be ruined by aliasing caused by poor downsampling. Here is the recommended process.

First determine the pixel count and aspect ratio of your output medium. This will be documented somewhere, and once discovered it is best to keep a note of it.

The subsequent steps can all be performed using your favourite image-editing tool. First, crop to the aspect ratio of the output medium – most editors have a fixed aspect ratio crop function.

Determine the pixel size of your remaining crop from the editing tool and calculate the resampling ratio by dividing the linear pixel count along the long dimension of the input image with the corresponding value from

the output image. If the figure is less than one you will be upsampling, and if it is more than one you will be downsampling.

If you are downsampling you need to filter out the fine detail to avoid aliasing. Run a Gaussian Blur over the image, with a blur radius of half the resampling ratio.

Resample (often called 'scale image') using the best interpolation method available (usually bi-cubic or Lanczos). **AP**



BOB NEWMAN originally trained as a physicist, and is now an engineer and computer scientist with a PhD in real-time systems design. He has been working with the design and development of high-technology equipment for 35 years and has been responsible for innovative developments in graphics workstations, avionics, marine instruments and radar systems. Two of his products have won innovation awards. Bob has led research projects in design methodology, automotive technology and, more recently, sensing systems. He is currently Professor of Computer Science at the University of Wolverhampton. Bob is a camera nut and has been a keen amateur photographer from the age of seven. He is delighted to be given the opportunity to apply his professional expertise to his hobby.

Marketplace

Dealer and Classified Guide

To advertise please call 020 3148 2516 Fax 020 3148 8155 e-mail dave_stone@ipcmedia.com

Index to advertisers

1&1 Internet Ltd	10-11	Grays of Westminster.....	32-33, 101	Park Cameras Ltd.....	77-81, Cover: iii
Ace Cameras	98	Interfit Photographic Ltd	50	Picstop	99
Cameraworld.....	88-89	Intro 2020 Ltd	20, 52	Polaroid.....	59, 68
Campkins Camera Centre Ltd.....	101	Kenro Ltd.....	Cover: iv	Premier Ink & Photographic	86-87
Camtech.....	75	London Camera Exchange Group.....	74	RK Photographic	47
Canon (UK) Ltd	18-19	London Camera Exchange (Bath).....	68	SRB-Griturn Ltd	47
Cash4cameras	101	London Camera Exchange (Bristol).....	68	Sony Europe Ltd	Cover: ii
Clifton Cameras.....	4	London Camera Exchange (Manchester).....	98	SRS Ltd.....	97
Collectable Cameras.....	99	Manfrotto Distribution Ltd	62	T4 Cameras	97
Delkin Europe Ltd	61	Mathers of Lancashire	96	UKphotodistro Ltd	47
Digital Depot	40-41	Mifsud Photographic	90-91	Walters Photo-Video.....	100
Ffordes Photographic Ltd.....	92-93	Morris Photographic Centre.....	100	Warehouse Express.....	39, 82-84
Fotosense Ltd.....	101	Mr Cad.....	95	Wilkinson Cameras	76
Fujifilm (UK) Ltd.....	9	Nicholas Camera Company.....	94		
		Olympus Imaging & Audio Ltd.....	25		

Classified..... 103-105

Ask the experts at

londoncameraexchange

28 branches nationwide & online





the used equipment specialists

Search our classic & used equipment on-line now at
www.LCEgroup.co.uk or call in to meet the experts at your local LCE

recycle your old DSLR TODAY!

and offset the value against your new DSLR purchase.
 Your old camera may be worth more than you think when you trade up to the latest Digital SLRs at londoncameraexchange.

Call in for a quote!

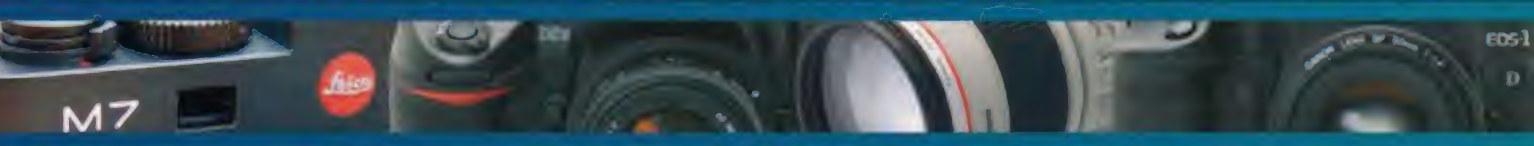
all our used stock online now at:

www.LCEgroup.co.uk

or follow us on: 

Specialists in fine pre-owned cameras, lenses, binoculars and accessories

NEXT DAY DELIVERY GUARANTEED



Digital Photography

CANON EOS 5D MARK II COMP VERY LOW USE 26% ACT)	MINT BOXED \$1369.00
CANON EOS 5D BODY COMP WITH ALL ACCESSORIES	MINT BOXED \$775.00
CANON EOS 1DS MARK II COMPLETE WITH ALL ACCESS.	MINT BOXED \$1545.00
CANON EOS 1D MARK COMPLETE WITH ALL ACCESS.	MINT BOXED \$1575.00
CANON EOS 1D MARK COMPLETE 2020S ACTIVATIONS	MINT BOXED \$789.00
CANON EOS 1D MARK II 11.1Mg COMPLETE WITH ALL ACCESS	MINT BOXED \$2450.00
CANON EOS 40D 10.1Mg COMPLETE WITH ALL ACCESS	EXC-BOXED \$699.00
CANON EOS 20D 10.1Mg COMPLETE WITH ALL ACCESS	MINT BOXED \$215.00
CANON EOS 200D 3.0Mg + CAN 18-55 LENS + ACCESS	MINT- \$159.00
CANON EOS 200D 18.0Mg + CAN 18-55 LENS + ACCESS	MINT BOXED \$226.00
CANON EOS 400 BODY + CAN 18-55 LENS + ACCESS	MINT BOXED \$275.00
CANON EOS 400 BODY + CAN 18-55 LENS + ACCESS	MINT BOXED \$275.00
CANON POWERSHOT G7 COMPLETE WITH ALL ACCESS	MINT \$199.00
CANON POWERSHOT G9 COMPLETE WITH ALL ACCESS	MINT BOXED \$275.00
CANON POWERSHOT G11 COMPLETE WITH ALL ACCESS	MINT BOXED \$285.00
CANON 20D EX SPEEDLITE	MINT BOXED \$199.00
CANON 20D EX SPEEDLITE	MINT BOXED \$151.00
CANON SPEED LIGHT	MINT BOXED \$269.00
CANON SPEED LIGHT	MINT-CASED \$285.00
CANON SPEED EX 1.8 SPEEDLITE	MINT BOXED AS NEW \$151.00
CANON SD-62 BATT GPP FOR EOS 200D-300-400	MINT-BOXED \$59.00
CANON SD-62 BATT GPP FOR EOS 200D-300-400-500	MINT BOXED \$75.00
CANON SD-62 BATT GPP FOR EOS 200D-300-400-500	MINT BOXED \$85.00
CANON SD-62 BATT GPP FOR EOS 200D	MINT BOXED \$79.00
CANON SD-62 BATT GPP FOR CANON EOS 400	MINT BOXED \$119.00
CANON ST-2 SPEEDLITE TRANSMITTER	MINT BOXED AS NEW \$138.00
NEW! EXR CAMERA CORD 2	MINT \$35.00
CANON LP-6 BATTERY FOR EOS 50 MARK II	MINT \$45.00
CANON 02-2 BATT WITH BATT & CHG INSTRUCTIONS	MINT BOXED \$59.00
CANON 0355S BATT COMPLETE + ALL ACCESSORIES	MINT BOXED \$89.00
CANON 0300 BODY COMPLETE + ALL ACCESSORIES	MINT BOXED \$84.00
CANON 0300 BODY 10.2Mg WITH ALL ACCESSORIES	MINT- \$285.00
CANON 0700 BODY COMPLETE ONLY 480 ACTUATIONS	MINT BOXED \$275.00
CANON 0700 BODY COMPLETE WITH ALL ACCESSORIES	MINT \$185.00
CANON MB-D10 FOR 0300/300/500	MINT BOXED \$225.00
CANON MB-D10 BATT BATTERY FOR 0300/300/500/700	MINT BOXED \$225.00
CANON SD-62 BATT GPP FOR 0300D	MINT \$89.00
CANON SB 400 SPEEDLIGHT	MINT BOXED \$399.00
CANON SB 800 SPEEDLIGHT	MINT BOXED \$125.00
CANON EH-4 AC ADAPTOR FOR 02H02D/02X03/03D/03X	MINT BOXED \$46.00
CANON EH-5 AMPS ADAPTOR FOR 02H02D/03D/03X	MINT BOXED \$46.00
CANON MC 3000 REMOTE CONTROL	MINT BOXED \$199.00
CANON SIGA SLASH BRACKET	MINT BOXED AS NEW \$199.00
CANON SIGA FLASH BRACKET	MINT BOXED AS NEW \$199.00
OLYMPUS 17mm f2.8 PROBER ZOOM DIGITAL 4/3ds	MINT AS NEW \$199.00
OLYMPUS 14-55mm F3.5-5.6 ZOOM DIGITAL 4/3ds	MINT \$125.00
OLYMPUS 11-20mm F2.8-5.2 ZOOM DIGITAL 4/3ds LENS	MINT UNLSED \$399.00
PENTAX 16-28mm F2.8-4.5 ED ASPHERIC RESISTANT	MINT BOXED AS NEW \$199.00
PENTAX 50-135mm F2.8 GIFAR KIT	MINT BOXED AS NEW \$195.00
PANASONIC G1 WITH PAN 14-45mm LENS & ACCESS	MINT BOXED \$275.00
PANASONIC 7-14mm f1.4 LUMIX VARIO MICRO 4/3ds	MINT BOXED AS NEW \$745.00
PANASONIC 45-200mm f4.5-6.3 LUMIX G VARIO MICRO 4/3ds	MINT BOXED AS NEW \$225.00
PROCON RE DIGITAL 17mm 1.7X ZOOM 28-200 2/27" SCR	NEW \$225.00
SONY ALPHA NEX-18 18-55mm f3.5-5.6 ACCESS	MINT BOXED AS NEW \$399.00
SONY ALPHA 500S 11.1Mg 2.8 SAM LENS	MINT BOXED \$485.00
SONY ALPHA 78-75mm 2.8 SAM LENS	MINT BOXED \$1175.00
SONY ALPHA 78-75mm 2.8 SAM LENS	MINT \$159.00
SONY ALPHA 28mm F2.8 AF MINILONG SHOT FIF	MINT \$145.00
SONY ALPHA 28-75mm F2.8 AF MINILONG SHOT FIF	MINT BOXED \$255.00
SONY ALPHA 28-75mm F2.8 AF F 1/4" MINUSION FIF	MINT \$199.00
SONY ALPHA 28-75mm F3.5-5.6 AF MINILONG SHOT FIF	MINT BOXED \$289.00
SONY 18-200mm F3.5-6.3 DC SW GLASS FOR SONY	MINT BOXED \$125.00
SONY 18-200mm F3.5-6.3 DC SW GLASS FOR SONY	MINT BOXED AS NEW \$135.00
SONY 2.0 X PD G2 CONVERTER FOR SONY ALPHA	MINT BOXED \$149.00
SONY 2.0 X PD G2 CONVERTER FOR SONY ALPHA	MINT BOXED \$225.00
SONY ALPHA 18-55mm F3.5-5.6 SLASH GIFT	MINT-CASED \$145.00
MINISO B6 PRO FLASHLIGHT FOR SONY ALPHA	MINT BOXED \$199.00

Canon Autofocus, Digital Lenses & Accessories

CANON EOS 11S BODY - MANUAL	MINT - \$480.00
CANON EOS 11HS BODY	MINT-BOXED \$389.00
CANON EOS 11HS BODY	MINT - \$379.00
CANON EOS 11HS	MINT-BOXED \$265.00
CANON EOS 3 BODY	EXC+++ \$350.00
CANON EOS 3 BODY	MINT - \$389.00
CANON EOS 3000I BODY	MINT - \$380.00
CANON EOS 3000I BODY	MINT - \$499.00
CANON EOS RT BODY PELICAL MIRROR	
CANON 70 - 40mm 1.4 USM 1/L - VHS FILTER	MINT BOXED \$339.00
CANON 70 - 40mm 1.4 USM 1/L - IRIS	MINT BOXED \$275.00
CANON 70 - 200mm 1.4 USM 1/L - IRIS	MINT BOXED \$459.00
CANON 70 - 200mm 1.4 USM 1/L - TRAPD COLLAR	
CANON 70 - 200mm 1.4 USM 1/L - IRIS	MINT BOXED AS NEW \$225.00
CANON 70 - 300mm 14.56 USM IMAGE STAB OD LENS	MINT BOXED \$739.00
CANON 200mm 11.2 USM 1/L	MINT BOXED \$1045.00
CANON 85mm 1.8 USM 1/L MK 8 COAT WITH HOOD	MINT \$1000.00
CANON 200mm 12.5 USM 1/L - FLIR	MINT BOXED \$999.00
CANON 300mm 1.4 USM 1/L IMAGE STABILIZER	MINT CAGED AS NEW 1998.00
CANON 400mm 15.6 USM 1/L VETII CASE	MINT -BOXED \$965.00
CANON 24mm 12.8 EF	MINT \$235.00
CANON 24mm 11.8 M 8	MINT BOXED \$75.00
CANON 110mm 2.8 M 8	MINT BOXED \$375.00
CANON EF LIFE SIZE CONVERTER	MINT CAGED \$1250.00
CANON 10 - 22mm 13.5/5.6 USM 1/HOOD	MINT \$525.00
CANON 15 - 55mm 13.5/5.6 USM CAGE IMAGE STAB	MINT \$525.00
CANON 17 - 85mm 14.5/5.6 IMAGE STABILIZER	MINT \$225.00
CANON 18 - 55 US 13.5/5.6 IMAGE STABILIZER	MINT \$99.00
CANON 18 - 55mm 13.5/5.6 EF-S IMAGE STABILIZER	MINT BOXED AS NEW \$225.00
CANON 15 - 200mm 13.5/5.6 EF-S IMAGE STABILIZER	MINT \$589.00
CANON 20 - 35mm 13.5/4.5 USM	MINT - \$185.00
CANON 28 - 80mm 13.5/5.6 USM	MINT \$739.00
CANON 28 - 80mm 13.5/5.6 AUTOFOCUS	MINT \$499.00
CANON 28 - 105mm 13.5/4.5 USM	MINT BOXED \$145.00
CANON 28 - 105mm 13.5/4.5 USM	MINT BOXED \$265.00
CANON 28 - 105mm 13.5/5.6 EF-S IMAGE STAB + HOOD	MINT BOXED \$229.00
CANON 28 - 105mm 13.5/5.6 USM 1/HOOD	MINT \$545.00
CANON 70 - 300mm 14.5/6 USM IMAGE STABILIZER	MINT \$1275.00
CANON 75 - 300mm 14.5/5.6 USM MK I WITH HOOD	MINT \$1275.00
CANON 75 - 300mm 14.5/5.6 USM MK I (LATEST)	MINT BOXED AS NEW \$1650.00
CANON 75 - 300mm 14.5/6 USM IMAGE STABLE + HOOD	MINT BOXED \$225.00
CANON 80 - 200mm 13.5/5.6 EF MK I	MINT BOXED \$350.00
CANON 75 - 300mm 13.5/5.6 EF USM	MINT \$279.00
CANON 100 - 300mm 14.5/6 USM	MINT BOXED \$145.00
CANON EF 1.4x EXTENDER MK I	MINT BOXED \$289.00
CANON EF 2x EXTENDER MK I	MINT BOXED \$289.00
CANON FT TELEPUS 30 M7 ELEMENT TELECONVERTER	MINT \$39.00
CANON PB 2 BOOSTER FOR ES 190SS3 etc.	MINT - \$73.00
CANON PB 21 EXTENDER FOR ES 190SS3 etc.	MINT \$39.00
CANON 540 EF FLASH - IN SET	MINT BOXED \$289.00
CANON 540 EF FLASH - IN SET	MINT - CAGED \$275.00
CANON 420 EF FLASH	MINT \$499.00
CANON ANGLE PRIMER 8	MINT BOXED \$99.00
CANON TO GARD REMOTE CONTROLLER	MINT BOXED \$85.00
CANON 135MM SLR MANIFOLD AND BEZEL	MINT \$149.00

SCIMA 15mm 12.18 EX DG PSYCHE LENS (LATEST)	MINT BORED AS NEW \$425.00
SCIMA 20mm 11.87 EX DG PSYCHE NR (LATEST)	MINT BORED \$345.00
SCIMA 20mm 11.81 EX DG PSYCHE NR (LATEST)	MINT - CASPED \$290.00
SCIMA 24mm 11.81 EX DG PSYCHE	MINT - HOGD \$290.00
SCIMA 30mm 12.8 EX DG HSN LATEST/PSYCHE	MINT CASPED AS NEW \$1,599.00
SCIMA 30mm 12.8 EX DG HSN LATEST/PSYCHE	MINT CASPED AS NEW \$1,599.00
SCIMA 35mm 12.5 EX DG HSN 1/2 CL. GLASS (LATEST)	MINT BORED \$375.00
SCIMA 17 - 35mm 12.84 EX HSN ASPHERICAL	MINT BORED \$1160.00
SCIMA 17 - 35mm 12.84 EX HSN ASPHERICAL	MINT BORED \$1070.00
SCIMA 17 - 70mm 20.84 EX 5.5 MACRO SLID GLASS	MINT-BORED \$1190.00
SCIMA 18 - 125mm 6.55 EX DG HSN LATEST	MINT BORED \$195.00
SCIMA 20 - 125mm 6.55 EX DG HSN LATEST	MINT BORED \$285.00
SCIMA 20 - 200mm 12.8 EX DG HSN APCO	MINT BORED \$425.00
SCIMA 20 - 200mm 12.8 EX DG HSN MACRO	MINT-BORED \$490.00
SCIMA 200 - 405mm 14.55 EX DG HSN APCO	MINT BORED \$590.00
SCIMA 120 - 405mm 14.55 EX DG HSN 0.5 LATEST LENS	MINT-BORED \$590.00
SCIMA 200 - 125mm 12.8 XR 0.5 CL. GLASS (LATEST)	MINT - HOGD \$245.00
SCIMA 200 - 125mm 12.8 XR 0.5 CL. GLASS (LATEST)	MINT - HOGD \$245.00
TOONIA 10 - 17mm 15.45 EX 1/2 CL. LENS	MINT \$275.00

Contax 'G' Compacts & SLR & Ricoh

CONTRACT G1 BODY	MMT- \$175.00
CONTRACT TITANIUM COMPACT + LEATHER CASE	MMT CASE \$399.00
CONTRACT 26mm 2.8 BISON FOR G	MMT \$285.00
CONTRACT 35mm 2.8 GUN G + FILTER + CONTACT HOOD	MMT BORED \$245.00
CONTRACT 35mm 2.8 BISON G	MMT CASE \$199.00
CONTRACT TLA 200 FLASH FOR G1 G2	MMT CASE \$380.00
CONTRACT TLA 200 FLASH FOR G1	MMT CASE \$490.00
CONTRACT RX BODY (REALLY NICE BODY)	MMT-BORED \$290.00
CONTRACT ST BODY	EGC + \$260.00
CONTRACT AREA BODY (STRAP INSTRUCTIONS)	EGC + BORED \$199.00
CONTRACT AREA BODY (STRAP INSTRUCTIONS)	EGC \$119.00
CONTRACT FIT VASCHA 28mm 2.8 SUPERIOR CONTACT	MMT \$305.00
CONTRACT 45mm 2.8 TESSAR PANCAKE	MMT \$475.00
CONTRACT 85mm 1.4 PLUAR MM	MMT \$180.00
CONTRACT TLA 280 FLASH	MMT- \$395.00
CONTRACT MOUNT FOR 1/4 TELECOMVERTER	MMT \$225.00
BIGON G1 BODY WITH CASE	MMT BORED \$185.00

Leica 'M', 'R' & Screw & Binoculars

[illegible]

BRONICA 150mm 55S ZENOSNIS	NMT	£165.00
BRONICA SQ120 BACK	MINT BOXED £75.00	
CONTO MPB-2 POLAROID BACK FOR CONTA 645	NMT	£195.00
FUJIF 670 AF 1/250 50mm 1.5 LENS	NMT BOXED £675.00	
MAMMA 65mm 14 SEVOR Z LENS FOR R2 + HOOD	NMT	£195.00
MAMMA 65mm 14 LENS FOR R2	NMT	£195.00
MAMMA 100mm 14.5 SEVOR Z W FOR R2	NMT	£195.00
MAMMA 120mm 14.5 SEVOR Z W FOR R2	NMT	£195.00
MAMMA BACKS BELLONS HOOD POLK BACK	IN STOCK	
MAMMA 150mm 13.5 AF FOR 645 AF	NMT	£235.00
MAMMA 210mm 14 SEVOR C FOR 645	NMT CAGED £195.00	
MAMMA R2 67 PRO BACK	NMT	£75.00
MAMMA R2 67 PRO B BACK	NMT	£75.00
MAMMA R2 67 POLAROID BACK	NMT	£75.00
MAMMA 120 BACK FOR R2 67	NMT	£75.00
POINTE 65mm 1.5 ITALIAN SMC FOR 67	NMT	£195.00
PENTAX 55mm 12.5 FOR PENTAX 645	NMT BOXED £195.00	
PENTAX 150mm 13.5 FOR PENTAX 645	MINT BOXED £195.00	

Hasselblad

HASSER.BLD	XPM COM 40 WITH 45MM 14 LEVIS	DC+---	C765.00
HASSER.BLD	900CM 14 FOR 45MM	MNT+IN	KEEPR 635.00
HASSER.BLD	SWC SHIRT WITH 30MM 145 BODICE - FOR	DC+---	E1 285.00
HASSER.BLD	503 CX WITH 80MM CF 5 BLACK - WLF	EXC+---	E1 300.00
HASSER.BLD	500EL M1 - A12 BLACK BACK	EXC+---	C260.00
HASSER.BLD	150MM 14 SNOUW CF	CF+---	C495.00
HASSER.BLD	ON WINDER - PENOTE	MNT+IN	2200.00
HASSER.BLD	PLAIN PRISM	EXC	E75.00
HASSER.BLD	PM PRISM	MNT	E110.00
HASSER.BLD	500CM 503 WLF BLACK	MNT	E125.00
HASSER.BLD	A12 BLACK BACK AND CHROME	MNT+BOED	530.00
HASSER.BLD	EXTENSION TUBE 106 F	MNT	E75.00
HASSER.BLD	EXTENSION TUBE 50mm	MNT	E75.00
HASSER.BLD	H1 7x TIE CONVERTER FOR H SYSTEM	MNT+BOED	E225.00

Nikon Auto-Focus, Digital Lenses & Accessories

NKON FS BODY SUPERS AS NEW CONDITION	MNT BODED \$565.00
NKON FS BODY	MNT \$475.00
NKON FS BODY	MNT \$336.00
NKON F100 BODY WITH STRAP - INSTRUCTIONS	MNT BODED \$225.00
NKON F90 BODY	ECG - BODED \$740.00
NKON FS BODY - MB TO GRP	ECG - \$35.00
NKON F80 BODY	MNT \$183.00
NKON F55 BODY	MNT BODED \$350.00
NKON 24mm 12.5 A/F	MNT - \$150.00
NKON 24mm 12.5 A/F 0"	MNT - \$229.00
NKON 28mm 12.5 A/F 0"	MNT - \$188.00
NKON 30mm 11.8 A/F 0" - 1" RUBBER HOOD AND FILTER	MNT BODED \$545.00
NKON 60mm 25mm 3 A/F MICRO INKOR + HOOD	ECG - \$245.00
NKON 60mm 25mm 3 A/F MICRO INKOR	MNT BODED \$595.00
NKON 65mm 11.4 A/F 0" COMPLETE WITH HOOD	MNT BODED \$595.00
NKON 65mm 11.8 A/F	MNT - \$225.00
NKON 65mm 11.8 A/F 0"	MNT BODED \$265.00
NKON 30mm 14.0 F - F D F AS	MNT - CAGED \$750.00
NKON 10 - 15mm 3.5 A/S 4 F	MNT BODED \$545.00
NKON 10 - 15mm 3.5 A/S 4 F F D F AS	MNT BODED \$336.00
NKON 18 - 70mm 12.5 A/S 4 F F D F AS DX	MNT BODED \$150.00
NKON 20 - 35mm 12.5 2" U F AF	ECG - CAGED \$475.00
NKON 24 - 50mm 3.4 A/S AF	MNT - \$145.00
NKON 24 - 70mm 12.5 A/S 4 F F D F AS (LATEST)	MNT BODED \$1,075.00
NKON 24 - 70mm 12.5 A/S 4 F F D F AS	MNT - \$269.00
NKON 24 - 120mm 5.5 A/S 6 F D F AS V6 RED	MNT BODED AS NEW \$335.00
NKON 28 - 105mm 5.5 A/S 4 F F D F MACRO	MNT BODED \$145.00
NKON 28 - 200mm 3.5 A/S 6 F	MNT BODED \$225.00
NKON 35 - 80mm 4.5 A/S 4 F D	MNT - \$175.00
NKON 35 - 135mm 3.5 A/S 4 F 200M	MNT - \$175.00
NKON 35 - 200mm 4.5 A/S 6 F DX U F AF - S	MNT BODED \$130.00
NKON 35 - 240mm 4.5 A/S 6 F AF	MNT BODED \$336.00
NKON 30 - 300mm 4.5 A/S 4 F F D F - F HOOD	MNT BODED \$336.00
NKON 70 - 300mm 4.5 A/S 6 F F D F AS V6 RED	MNT BODED \$336.00
NKON 80 - 200mm 2.2 A/F F D LATEST 2 TOUCH	MNT BODED \$545.00
NKON 80 - 200mm 2.2 A/F F D LATEST 2 TOUCH	MNT BODED \$545.00
NKON 80 - 400mm 4.5 A/S 4 F V6 VERIFICATION REDUCED	MNT BODED \$345.00

NIKON TC 174 AF-S TELECOMARTER	MMT BOXED AS NEW \$3,999.00
NIKON TC 206 AF-S TELECOMARTER	MMT BOXED AS NEW \$2,299.00
NIKON TC 206 AF-S TELECOMARTER	MMT BOXED AS NEW \$2,499.00
TELEPHOTO NIKON 200 PRO 3000 TELECOMARTER	MMT BOXED AS NEW \$1,999.00
NIKON MB-10 BATTERY GRP FOR F50F50F	MMT- \$399.00
NIKON MF 21 MULTI-CONTROL 250 EXP TELECOMARTER FOR F54	MMT- \$995.00
NIKON SB 218 MACRO FLASH UNIT RING FLASH AS 14	MMT-CASED 125.00
NIKON SB 23 FLASH UNIT	MMT-BORED \$45.00
NIKON SB 25 FLASH	MMT- \$39.00
NIKON SB 28 FLASH	EXC---CASED \$95.00
JESSOPS ZS EXTENDER NIKON FIT	MMT CASED 75.00
SGMMA 20mm f1.8 EX DC RF ASPHERIC (LENSE)	MMT \$285.00
SGMMA 50mm f2.8 EX DC ASPHERIC	MMT BODIED 198.00
SGMMA 10 - 20 3.5-4.5 EX DC MACRO CURRENT LENS	MMT BODIED \$245.00
SGMMA 15 - 30mm 3.5-4.5 EX ASPHERIC	EXC---CASED \$225.00
SGMMA 15 - 50mm 3.5-4.5 EX ASPHERIC	MMT-BODIED \$295.00
SGMMA 17 - 35mm 2.8 EX 4 EX ASPHERIC	MMT- \$195.00
SGMMA 18 - 50mm 2.8 EX 4.5mm HSAK BUBO GLASS	MMT BOXED AS NEW \$1,180.00
SGMMA 18 - 200mm 3.5-4.5mm GLASS DC	MMT BODIED \$118.00
SGMMA 20 - 300mm 3.5-4.5 EX ASPHERIC	MMT BODIED \$99.00
SGMMA 20 - 300mm 3.5-3.5 EX	MMT BODIED \$99.00
SGMMA 25 - 200mm 4.5-5.6 EX ASPHERIC	MMT BODIED \$99.00

SIGMA 70 - 200mm 1:2.8 EX DG HSM OS (LATEST)	MMT-BOXED £795.00
SIGMA 170 - 500mm F5.6 3APO "D" (SUPERB LENS)	MMT CASSED £365.00
SIGMA 1.4 EX APO TELE CONVERTER	MMT CASSED £1115.00
TAMRON 55 - 200mm 1:4.5-6 LD MACRO DI II	MMT BOXED £99.00
TOKINA 10 - 17mm 1:3.5-4.5 AT-X DX LENS (LATEST)	MMT BOXED £399.00
TOKINA 12 - 24mm 1:4 AT-X PRO DX II (LATEST)	MMT BOXED £445.00

Nikon Manual

NIKON F3 HP TITANIUM CHAMPAGNE	EXC++ BOKED	\$399.00
NIKON F3 HP TITANIUM CHAMPAGNE	EXC++	\$279.00
NIKON F3 HP BODY	MINT	\$325.00
NIKON F3 BODY COMPLETE WITH MD4 DRIVE	EXC++	\$295.00
NIKON F3 BODY COMPLETE WITH CF20 CASE	EXC++	\$265.00
NIKON F2 PHOTOMIC S BODY BLACK	EXC++	\$299.00
NIKON F2A PHOTOMIC CHROME (FROM A COLLECTION)	EXC++ BOKED	\$295.00
NIKON FM2N BODY BLACK	MINT-BOKED	\$199.00
NIKON FE CHROME BODY	EXC++	\$115.00
NIKON FE BODY BLACK BODY	EXC++	\$95.00
NIKON FE BLACK BODY	EXC	\$75.00

NKOR 15mm f/1.8 IN NEW FILTER + HODD (VERY RARE)	MMT AS NEW \$745.00
NKOR 20mm f/2.8 3.6M NKOR-A + FOD	MMT -NEW \$495.00
NKOR 20mm f/2.8 3.6M	MMT-BODED \$275.00
NKOR 25mm f/2.8 3.6M SUPER QUALITY LENS	MMT -NEW \$385.00
NKOR 35mm f/2.8 3.6M	MMT-CASED \$195.00
NKOR 35mm f/2.8 PC PERSPECTIVE CONTROL	MMT-CASED \$475.00
NKOR 35mm f/2.8 PC SUPERB LENS IN AS NEW COND.	EXC+++ \$375.00
NKOR 45mm f/2.8 3.6M NKOR.	MMT- -NEW \$225.00
NKOR 50mm f/1.2 AS SUPERB LENS IN AS NEW COND.	MMT-CASED \$445.00
NKOR 50mm f/1.4 AS	MMT -NEW \$165.00
NKOR 50mm f/1.8 AS	MMT -NEW \$165.00
NKOR 55mm f/2.8 MKOR NKOR AS	MMT -BODED \$225.00
NKOR 55mm f/2.8 MKOR NKOR AS	MMT -NEW \$185.00
NKOR 55mm f/2.8 MKOR NKOR AS	MMT -NEW \$295.00
NKOR 55mm f/2.8 MKOR PC MKOR	EXC+++ \$495.00
NKOR 55mm f/2.8 AS	MMT -NEW \$225.00
NKOR 105mm f/2.5 AS	EXC+++ \$295.00
NKOR 105mm f/2.5 AS (SUPERB LENS)	MMT -NEW \$225.00
NKOR 135mm f/2.8 AS/REALLY SHARP LENS	EXC+++ \$395.00
NKOR 150mm f/2.8 AS	MMT-CASED \$195.00
NKOR 150mm f/2.8 MKOR P.	MMT-CASED \$275.00
NKOR 200mm f/4 MKOR MKOR AS SUPERB SHARP LENS	MMT-BODED \$335.00
NKOR 200mm f/4 MKOR LENS IN SUPERB CONDITION	MMT-CASED \$395.00
NKOR 300mm f/4.5 SUPER LENS COMP WITH ALL FILTERS	MMT-CASED \$365.00
TAMRON 600mm f/8 MKOR LENS ADAPTAL I	MMT-BODED \$165.00
NKOR 600mm f/8 TELEPHOTO AND FLIGHT CASE	EXC - \$1795.00
NKOR 25 - 105mm f/3.5 AS + HODD	MMT- -NEW \$195.00
NKOR 25 - 105mm f/3.5 AS	MMT-BODED \$225.00
NKOR 28 - 85mm f/3.5 3.5AS 3.5M	MMT-CASED \$275.00
NKOR 28 - 105mm f/3.5 AS	MMT-BODED \$195.00
NKOR 35 - 105mm f/3.5 3.5 AS	EXC+++ \$395.00
NKOR 35 - 135mm f/3.5 3.5 AS	MMT -NEW \$195.00
NKOR 45 - 85mm f/3.5 3.5M 3.5M	MMT -NEW \$95.00
NKOR 80 - 200mm f/4 AS	MMT-CASED \$175.00
NKOR 80 - 200mm f/4 AS	MMT -NEW \$195.00
MMT MF1 250 BLACK FOR F2 WITH 2 CASS AND VINDOR	MMT-BODED \$385.00
MMT CF22 BAYONET CASE FOR F3	MMT -NEW \$495.00
NKOR MDK DRIVE FOR F3/F3.5/F3.5	MMT -NEW \$495.00
MMT MDK DRIVE FOR F3.5/F3.5/F3.5	MMT -NEW \$145.00
NKOR MD12 MOTOR DRIVE FOR F3.5/F3.5/F3.5/F3.5	EXC+++ \$795.00
NKOR PK13 AUTO EXTENSION RING	MMT-BODED \$95.00
NKOR PH11 AUTO EXTENSION RING	MMT \$125.00
NKOR TC 148 TELECONVERTER AS	EXC+++ \$99.00
NKOR TC 16A TELECONVERTER A.F	MMT \$79.00
NKOR TC 200 CONVERTER	MMT \$59.00
NKOR TC 301 CONVERTER	MMT \$99.00
NKOR TC 301 CONVERTER	MMT -NEW \$145.00
NKOR SB 16 FLUSH FOR F3.5/F3.5/F3.5/F3.5	MMT-BODED AS NEW \$159.00
NKOR SB 16 FLUSH	MMT-BODED \$49.00
NKOR DVS VANGT LENS PINDER FOR F3	MMT \$75.00
NKOR DVS VANGT LENS PINDER FOR F3	MMT-BODED \$159.00
TAMRON 600mm f/8 3.6M NKOR MD12	MMT -NEW \$195.00

Olympus Manual

OLYMPUS OM2M BODY COMPLETE WITH WINDER II	EXC---B00ED	\$299.00
OLYMPUS OM2M BLACK COMPLETE WITH WINDER II	MINT--E065	\$265.00
OLYMPUS OM2M BLACK	EXC+++	\$169.00
OLYMPUS OM2M BLACK X WINDER II	MINT--	\$199.00
OLYMPUS OM2m BODY CHROME + CASE	MINT--C145	\$100.00
OLYMPUS OM2m BODY CHROME	EXC++	\$199.00
OLYMPUS OM2 SPOT BLACK	EXC---	\$199.00
OLYMPUS OM2 BODY CHROME	MINT--B01ED	\$199.00
OLYMPUS 20mm f2 ZUKO	MINT--	\$295.00
OLYMPUS 35mm f1.8 ZUKO	MINT	\$169.00
OLYMPUS 35mm f3.5 MACRO	MINT	CASED \$169.00
OLYMPUS 35mm f4 MACRO + 70MM ZOOM TUBE	MINT	\$275.00
OLYMPUS 20mm f2 ZUKO	MINT--C45ED	\$79.00
TAMRON 500mm f4 MPORR LENS WITH OLYMPUS MOUNT	MINT	B01ED \$715.00
OLYMPUS 35 - 70mm f3.5-4.5 ZUKO	MINT	\$59.00
OLYMPUS 35 - 70mm f4 ZUKO	MINT	CASED \$59.00
OLYMPUS 35 - 105mm f3.5-4.5 ZUKO	MINT	\$99.00
OLYMPUS 75 - 150mm f5.6 ZUKO	MINT	\$79.00
OLYMPUS CONVERTER I	EXC++	\$149.00
OLYMPUS 132 FLASH	EXC++	\$45.00
OLYMPUS P280 FLASH	MINT	CASED \$180.00
OLYMPUS EXTENSION TENTS 7mm 14mm 25mm	MINT	\$99.00

Voigtlander Screw & Bayonet for Leica M etc

VIGTLANDER 5mm 4.5/5.6 HELIAR ASP + F8 SUPER	MINI BODIED AS NEW	£285.00
VIGTLANDER 25mm 1.4 SIGMA - FINDER SLR	MINI BODIED AS NEW	£295.00
VIGTLANDER 75mm 1/3 CO CO HELIAR MC CHROME		MINI £275.00
VIGTLANDER 75mm 1/2 HELIAR LANTH IN M MOUNT	MINI BODIED AS NEW	£485.00
VIGTLANDER 50mm 0.5 APO CLASSIC (BLU)	MINI BODIED AS NEW	£235.00
VIGTLANDER 35mm VEWIFINDER BLK	MINI BODIED AS NEW	£129.00
VIGTLANDER 1/1 HOOD FOR 21.25mm LENSES	MINI BODIED AS NEW	£30.00
VIGTLANDER BESSA VIEWER / SW/FR 1 & R2	MINI BODIED AS NEW	£129.00
VIGTLANDER SCREW TO M LENS ADAPTOR	MINI BODIED AS NEW	£35.00
VIGTLANDER 1/1 HOOD FOR 21.25mm LENSES	MINI BODIED AS NEW	£30.00

Medium & Large Format

wanted...

We urgently require your used photographic equipment. We have customers waiting for: Nikon, Canon, Leica, Contax, Bronica, Hasselblad and most other makes of camera lenses, accessories binoculars and collectables.

We will buy for cash from you, or we are happy to sell on your behalf on a commission basis. Best prices paid. We can arrange collection and even call and collect and pay on the spot if necessary anywhere in the UK.

Visitors are welcome, please phone for an appointment. PO Box 1052, Cottenham, Cambridge, CB4 8WU

Fax: 01954 252 352 email: sales@camtechuk.com





get creative
with your photography

Canon



Canon EOS

EOS 1100D & EF-S 18-55 IS £399.99

EOS 550D & EF-S 18-55 IS £529.99*

EOS 550D & EF-S 18-135 IS £689.99*

EOS 550D BODY £439.00*

*Price shown after Canon cash back, offer ends 24/12/11 call for further details.

EOS 600D

- 18-megapixel CMOS sensor
- Scene Intelligent Auto mode
- Full-HD EOS Movie
- Up to 3.7fps
- Wide-area 9-point AF

EOS 600D & EF-S 18-55 IS £579.99*

EOS 600D BODY £489.00*

*Price shown includes Canon £50.00 Cash back, offer ends 24/12/11

EOS 60D

- 18 MP APS-C CMOS sensor
- Vari-angle 7.7cm (3.0") 3:2 ratio LCD
- Full HD movies
- Up to 5.3fps shooting for up to 58 JPEGs

EOS 60D & EF-S 17-85 IS USM £999.99

EOS 60D EF-S 18-135 IS £969.99

EOS 60D BODY £749.00

EOS 7D

- 18MP APS-C CMOS sensor
- Up to 8fps shooting
- ISO range up to 12800
- 100% Viewfinder

EOS 7D & EF-S 15-85 IS £1699.00

EOS 7D BODY £1129.00

EOS 5D MKII

- 18MP APS-C CMOS sensor
- Up to 8fps shooting
- ISO range up to 12800
- 100% Viewfinder

EOS 5D MKII & EF 24-105L IS £2149.00

EOS 5D MKII BODY £1539.00

Canon PIXMA Printers

Pixma iX6550 £179.99

- 9600dpi print resolution
- 150 sheet capacity
- USB connection
- A3+ print

PIXMA PRO 9000 MKII £309.99*

PIXMA PRO 9500 MKII £469.99*

*Price shown after Canon cash back, offer ends 24/12/11 call for further details.

Canon SELPHY Printers

Selphy CP800 £89.99

- Stylish and ultra-compact photo printer
- 6.2 cm (2.5") tilt LCD
- Prints in under 1 minute

Save £20.00 when bought with any camera, offer ends 24/12/11

Canon

Small selection of our vast stock

EF & EF-S Lenses

EF Zoom Lenses

EF 16-35mm f2.8L USM MKII	£1129.00
EF 17-40mm f4L USM	£615.00
EF 24-105mm f4L IS USM	£799.00
EF 70-200mm f2.8L IS USM II	£1799.00
EF 70-200mm f2.8L USM	£989.00
EF 70-200mm f4L IS USM	£919.00
EF 70-200mm f4L USM	£489.00
EF 70-300mm f4/5.6 IS USM	£379.99
EF 70-300mm f4/5.6L IS USM	£1099.00
EF 100-400 f4.5/5.6L IS USM	£1229.00

EF Prime & Macro Lenses

EF 200mm f2.8L USM (II)	£619.00
EF 200mm f2L IS USM	£489.00
EF 300mm f4L IS USM	£1139.00
EF 400mm f5.6L USM	£1089.00
EF 50mm f1.4 USM	£299.00
EF Macro 100mm f2.8 USM	£429.00
EF Macro 100mm f2.8L IS USM	£719.00

EF-S Lenses

EF-S 10-22mm f3.5/4.5	£599.00
EF-S 15-85mm f3.5/5.6 IS	£549.00
EF-S 17-55mm f2.8 IS USM	£769.00
EF-S 17-85mm f4/5.6 IS USM	£279.99
EF-S 55-250mm f4/5.6 IS	£199.00
EF-S Macro 60mm f2.8	£349.00

Canon Speedlites

270EX II	£159.99
320EX	£199.99
430EX II	£209.99
580EX II	£379.99



Cirrus

120 Blue	£19.99
140 Blue	£29.99
TLZ 5 Blue	£14.99
TLZ 25 Blue	£24.99

Classified

140AW Sepia	£59.99
200AW Sepia	£79.99
250AW Sepia	£89.99

Dryzone

200 Grey / Yellow	£280.00
Rover Grey	£199.00

Fastpack Black

100	£34.99
200	£49.99
250	£59.99
350	£64.99

Flipside

200	£49.99
300	£54.99
400	£79.99

Lens Trekker

600AW II	£144.99
Magnum	£114.99
400AW	£144.99
650AW	£189.99

Pro Roller

X100	£239.00
X200	£279.00
X300	£339.00

Pro Runner Black

200AW	£39.99
300AW	£59.99
350AW	£79.99
450AW	£119.99
X350AW	£155.00
X450AW	£190.00

Pro Trekker

300AW	£189.00
400AW	£209.00
600AW	£229.00

New Quick Case

100	£19.99
120	£24.99

Rezo

TLZ 20	£19.99
--------	--------

Sling Shot

102AW	£49.99
202AW	£54.99
302AW	£64.99

Toploader Pro AW

65	£60.00
70	£60.00
75	£75.00

Versapack

200AW Black / Grey	£52.99
--------------------	--------

Vertex

100AW	£89.00
200AW	£119.00
300AW	£149.00

SONY α

A290 & DT 18-55mm.....£299.99



High Speed Alpha

A35 & DT 18-55mm.....£399.99*

A55 & DT 18-55mm.....£499.99*

A65 & DT 18-55mm.....£849.99

A77 & DT 16-50mm f2.8.....£1599.00



*Price shown after Sony cash back, offer ends 24/12/11 call for further details.

TAMRON

SUPER STOCKIST

AF 18-200mm f3.5/6.3 XR DiII

.....£159.99*

AF 18-270mm f3.5/6.3 DiII VC

PZD£449.99*

AF Macro 60mm

f2 DiII ASPH.....£369.00

SP 10-24mm f3.5/4.5 DiII

ASPH.....£369.99

SP 17-50mm f2.8 XR

DiII VC£359.00

SP 70-200mm f2.8

Di LD.....£599.00

SP 70-300mm f4/5.6

Di VC£319.00*

*Price shown after Tamron cash back, offer ends 24/12/11 call for further details.

OLYMPUS

PEN E-PL1

E-PL1 & 14-42mm£249.99

E-PL1 Body£129.99

E-PL2

E-PL2 & 14-42mm II£349.99

E-PL2, 14-42mm II &

40-150mm£549.99

E-PL3

E-PL3 & 14-42£449.99*

E-PM1

E-PM1 & 14-42£349.99*

*Price shown includes Olympus

£50.00 Cash back, offer ends 24/12/11

PEN Lenses

ES 17mm f2.8 Silver.....£219.99

ED 9-18mm f4/5.6£479.99

ED 14-150mm f4/5.6£499.00

ED 40-150mm f4/5.6£229.99

ED 75-300mm f4.8/6.7£649.99

PEN Accessories

VF-2 Viewfinder£229.99

MAL-1 Macro Lite Arm£59.99

PP-1 PEN Pal£89.99

FCOM PO1 Fish Eye Lens

Converter (14-42 II)£149.99

MCON PO1 Macro Lens

Converter (14-42 II, 14-150

& 40-150).....£46.99

WCOP PO1 Wide Lens

Converter (14-42 II)£89.99

FL14 Flashgun£169.99

Olympus E Series

E5 Body£1399.00

E SRF-11 Ring Flash Kit£499.99

E HLD-5 Grip for E620£99.99

E PS-BLM Battery E1£60.00

E FL36R Flashgun.....£229.99

E FL50R Flashgun.....£349.99

Wilkinson

Cameras

www.wilkinson.co.uk

passionate about photography

Wilkinson Cameras

www.wilkinson.co.uk

DIRECT SALES LINE NOW OPEN 7 DAYS

01772 252188

Email Orders: sales@wilkinson.co.uk

NEW STORE, Now open in Warrington

The Golden Square, Warrington 01925 638290 warrington@wilkinson.co.uk

Preston

27 Friargate Walk,
St. George's Centre
01772 556250
preston@wilkinson.co.uk

Blackburn

42 Northgate
01254 581272
blackburn@wilkinson.co.uk

Burnley

95 St. James's St
01282 424524
burnley@wilkinson.co.uk

Bury

61 The Rock
0161 7643402
bury@wilkinson.co.uk

Carlisle

13 Grapes Lane,
The Lanes
01228 538583
carlisle@wilkinson.co.uk

Kendal

19A Westmorland
Shopping Centre
01539 735055
kendal@wilkinson.co.uk

Lancaster

James Street
Marketgate
01524 380510
lancaster@wilkinson.co.uk

Southport



As a Canon EOS Professional Centre, Park Cameras is designed to give you the very best photographic retail experience.

EOS-1D^X

PERFORMANCE
REDEFINED



- ▶ 18.1 MP full frame CMOS sensor
- ▶ Up to 12fps plus 14fps High speed mode
- ▶ 100-51200 ISO, up to H:204800
- ▶ 61 point AF system
- ▶ 100,000 pixel RGB AE metering
- ▶ Full HD 1080p EOS movie
- ▶ Dual "DIGIC 5+" processors
- ▶ Clear View II 3.2" 1,040k LCD
- ▶ Ethernet port

Due March 2012
Pre-order now to receive one of the first cameras in the UK!
See website for details



EOS 5D^{Mark II}

EXTEND THE BOUNDARIES OF
YOUR PHOTOGRAPHY.



- ▶ 22.1MP full frame CMOS sensor
- ▶ DIGIC 4 processor
- ▶ ISO range expandable to 25600
- ▶ Full HD (1080, 30fps) movie recording
- ▶ High-res 3.0" VGA LCD with Live View
- ▶ Up to 3.9fps JPEG shooting up to card capacity
- ▶ 9-point AF + 6 Assist AF points
- ▶ Magnesium alloy body

For further details and some money saving bundles, see our website

EOS 5D Mk II Body Only £1,544.00 EOS 5D Mk II + 24-105 L IS £2,297.99 EOS 5D Mk II + 24-70 L £2,533.00

Canon EOS 1100D

- ▶ 12 Megapixel CMOS sensor
- ▶ On-screen Feature Guide
- ▶ Creative Auto and Basic +
- ▶ HD Video capture
- ▶ Compact & Lightweight



EOS 1100D Body Only £309.00 EOS 1100D + 18-55 IS £394.99

Canon EOS 550D

- ▶ 18 Megapixel CMOS sensor
- ▶ Up to 10fps shooting
- ▶ Full HD movies
- ▶ ISO 100-6400, H:12800
- ▶ 3.0" LCD Screen



EOS 550D Body Only £480.00 EOS 550D + 18-55 IS II £574.99

Canon EOS 60D

- ▶ 18 Megapixel CMOS sensor
- ▶ Advanced creative features
- ▶ Full HD movies
- ▶ ISO 100-6400, H:12800
- ▶ 3.0" Vari-angle LCD Screen



EOS 60D Body Only £769.99 EOS 60D + 18-55 IS II £869.99

Canon EOS 7D

- ▶ 18 Megapixel CMOS sensor
- ▶ Up to 8fps shooting
- ▶ Full HD movies
- ▶ Magnesium alloy body
- ▶ 3.0" Clear View II LCD



EOS 7D Body Only £1,170.00 EOS 7D + 18-55 IS £1,699.99

Canon EOS 600D

- ▶ 18 Megapixel CMOS sensor
- ▶ Scene Intelligent Auto mode
- ▶ Full HD movies
- ▶ Up to 3.7fps shooting
- ▶ 3.0" Vari-angle LCD Screen



EOS 600D Body Only £535.00 EOS 600D + 18-55 IS II £629.00

Canon PowerShot SX220 HS

- ▶ HS System (12.1 MP)
- ▶ 28mm, 14x zoom, Optical IS
- ▶ Full HD with optical zoom
- ▶ Wide 3.0" PureColor II G LCD
- ▶ Manual Control



PowerShot SX220 HS £199.00 Add a SanDisk 4GB Ultra SDHC Card for only £9.99!

*Purchase an EOS 60D, 7D or 5D Mk II between 01/12/11 and the 28/02/12 to claim up to £320 cashback on selected Canon lenses. See web for further details.

Canon Lenses

Our most popular Canon lenses, at LOW PRICES!

EF 70-200mm f/2.8 L IS USM II
Only £1,819.99
SRP £2,799.99
Save £550.00

EF 24-105mm f/4.0 L IS USM
Only £809.99
SRP £1,409.99
Save £570.00

EF 50mm f/1.8 II
Only £94.99
SRP £129.99
Save £35.00

14mm f/2.8 II USM	£1,899.00	300mm f/2.8L USM IS II	£5,574.00	EF-S 18-135mm IS (Unboxed)	£239.99
20mm f/2.8 USM	£408.99	300mm f/4.0L USM IS	£1,179.99	EF-S 18-200mm f/3.5-5.6 IS	£409.00
24mm f/1.4L Mk II USM	£1,348.99	400mm f/2.8L USM IS II	£8,869.00	24-70mm f/2.8L USM	£989.00
24mm f/2.8	£371.99	400mm f/4.0 DO L USM IS	£5,379.99	24-105mm f/4.0L IS USM	£918.99
28mm f/1.8 USM	£388.99	400mm f/5.6L USM	£1,099.99	24-105mm f/3.5-5.6L IS (White Box)	£809.99
28mm f/2.8	£165.99	500mm f/4.0L USM IS II	£8,489.00	28-135mm f/3.5-5.6 USM IS	£374.00
35mm f/1.4L USM	£1,158.99	600mm f/4.0L USM IS II	£10,999.00	28-300mm f/3.5-5.6L IS USM £2,184.99	
35mm f/2.0	£219.99	800mm f/5.6L IS USM	£9,599.00	EF-S 55-250mm f/4-5.6 IS	£169.00
50mm f/1.2 L USM	£1,269.00	TSE 17mm f/4.0L	£1,849.99	EF-S 55-250mm f/4-5.6 IS II	£208.99
50mm f/1.4 USM	£299.99	TSE 24mm f/3.5L II	£1,699.99	70-200mm f/2.8L IS II USM	£1,819.99
50mm f/1.8 II	£94.99	TSE 45mm f/2.8	£1,118.99	70-200mm f/2.8L USM	£999.00
50mm f/2.5 Macro	£234.99	TSE 90mm f/2.8	£1,118.99	70-200mm f/4.0L IS USM	£929.99
EF-S 60mm f/2.8 Macro	£364.99	8-15mm f/4L Fisheye USM	£1,149.00	70-200mm f/4.0L USM	£497.00
MP-E 65mm f/2.8	£849.99	EF-S 10-22mm f/3.5-4.5 USM	£642.99	70-300mm f/4.0-5.6 IS USM	£399.99
85mm f/1.2L II USM	£1,759.00	EF-S 15-85mm f/3.5-5.6 IS USM £579.00		70-300mm f/4.5-5.6 DO IS USM £1,139.99	
85mm f/1.8 USM	£311.99	EF-S 15-85mm IS (Unboxed)	£519.99	75-300mm f/4.0-5.6 Mk III	£199.99
100mm f/2 USM	£380.99	16-35mm f/2.8L II USM	£1,149.00	75-300mm f/4.0-5.6 USM III	£241.99
100mm f/2.8 USM Macro	£429.00	17-40mm f/4.0L USM	£614.00	100-400mm f/4.5-5.6L USM IS £1,239.99	
100mm f/2.8L Macro IS USM	£718.99	EF-S 17-55mm f/2.8 IS USM	£789.00	200-400mm f/4.0L USM IS in development	
135mm f/2.0L USM	£899.99	EF-S 17-85mm f/3.5-5.6 IS USM £349.99		1.4x III Extender	£454.99
135mm f/2.8 Soft Focus	£352.99	EF-S 17-85mm IS (Unboxed)	£229.99	2x III Extender	£454.99
180mm f/3.5L USM Macro	£1,258.99	EF-S 18-55mm IS (Unboxed)	£80.00		
200mm f/2.0L IS USM	£4,939.99	EF-S 18-55mm f/3.5-5.6 IS II	£139.99		
200mm f/2.8L USM/2	£639.99	EF-S 18-135mm f/3.5-5.6 IS	£294.99		

Canon Accessories

Wireless File Transmitters WFT-E1 (EOS 1Ds II) £999.99 WFT-E2 Mark II (EOS 1D IV) £629.99 WFT-E3 (EOS 40D) £719.99 WFT-E4 (EOS 5D Mk II) £499.99 WFT-E4 Mark II (EOS 5D Mk II) £599.99 WFT-E5B (EOS 7D) £429.99	Battery Grips BG-E6 (EOS 450D) £119.99 BG-E6 (5D Mk II) £219.95 BG-E7 (7D) £149.99 BG-E8 (550D) £114.99 BG-E9 (60D) £159.99	Waterproof Housings WP DC26 (IXUS 870 IS) £119.99 WP DC28 (PowerShot G10) £169.99 WP DC32 (IXUS 110 IS) £169.99 WP DC33 (IXUS 120 IS) £175.00 WP DC39 (PowerShot S90) £175.00 WP DC42 (PowerShot SX220 HS) £175.00 WP DC41 (IXUS 220) £175.00
Batteries NB 6L (for Digital IXUS 85 IS) £43.00 NB 7L (for Powershot G10) £59.00 NB 9L (for IXUS 1000 HS) £43.00 BP 511A (G6,300,400,500,50) £79.99 LP E4 (for EOS 1D/1Ds Mark III) £124.00 LP E5 (EOS 450D/500D) £44.99 LP E6 (for 60D/7D/5D Mk II) £69.99 LP E8 (for EOS 550D/600D) £44.99 LP E10 (for EOS 1100D) £44.99	Flashguns Speedlite 270EX II £159.99 Speedlite 320EX £224.99 Speedlite 430EX II £209.99 Speedlite 580EX II £379.00 MacroLite MR-14EX £459.99 MT-24EX Macro Twin Flash £789.99 Speedlite Transmitter ST-E2 £179.99	Cases EH-19L Semi-Hard Case (600D) £39.99 EH-20L Semi-Hard Case (7D) £92.99 EH-21L Semi-Hard Case (60D) £89.99 DCC-62 Leather Case (IXUS 105) £49.99 DCC-65 Leather Case (G11) See Web DCC-85 Soft Case (A1000 IS) £6.99 DCC 510 Soft Case (A3300 IS) £19.00 DCC 1500 Soft Case (SX120 IS) £23.00 DCC 1600 Soft Case (G12) £39.00 DCC 1400 Soft Case (S90) £23.00 SC-DC65A Black Case (G11) £75.00
LP-E6 Battery Our Price £69.99	LP-E8 Battery Our Price £44.99	LP-E10 Battery Our Price £44.99
Speedlite 320EX Our Price £224.99	Speedlite 580EX II Our Price £379.00	MacroLite MR-14EX Our Price £459.99
BG-E6 Grip (5D Mk II) Our Price £219.95	BG-E8 Grip (550D/600D) Our Price £114.99	RC-6 Remote Our Price £16.99

See the range of Canon Camcorders and Printers by visiting us instore or online at ParkCameras.com



Visit our state of the art showroom in West Sussex, less than 15 miles from Brighton
York Road, Victoria Business Park, Burgess Hill, West Sussex, RH15 9TT

Photographic Experts since 1971! - Visit www.ParkCameras.com/40 and celebrate our 40th Anniversary!

Superb Service and Competitive Prices - all at Park Cameras

I AM NIKON 1 Still image and movie recording without compromise

The new Nikon J1 and V1 feature an all new, high speed sensor capable of capturing full resolution images at up to 60 frames per second, and up to 10 frames per second in full resolution whilst focus tracking a subject. The cameras also feature full HD video with all functions optimized to capture incredibly clear video footage with low noise, even in low light. Combined with a range of versatile and compact lenses the Nikon 1 intelligent camera system, is crafted to bring new levels of speed, simplicity and enjoyment to the way you capture your world



IN STOCK!!

Visit our website for our latest low prices, as well as the Nikon 1 lenses

D7000

Body Only £899.99

D7000 + 18-105mm VR £1,099.99



- 16.2 megapixel DX-format CMOS image sensor
- High ISO (100-6400) extendable up to 25600
- Durable design
- 100% viewfinder coverage
- Twin SD memory card slots
- 6 fps continuous shooting
- D-Movie - full HD (1920 x 1080) movie clips



Nikon D5100

Stunningly simple-to-use DX-format SLR with 3.0" 921k dot vari-angle LCD, & full HD D-Movie.
Body Price £525.00
D5100 + Case + 8 GB Card £554.99
D5100 + 18-55 VR £675.00

Nikon D90

The D90 fuses technology from Nikon's flagship DSLRs with an array of functions to help you achieve superior results.
Body Price £559.99
D90 + 18-105mm VR £779.99
D90 + 18-105mm VR + 8GB £789.99

Nikon D300s

Compact DX format professional SLR with 12.3 megapixel CMOS sensor, 7fps continuous shooting and D-Movie.
Body Price £1,139.99
D300s + 16-85mm VR £1,583.99
D300s + 18-200mm VR II £1,729.98

Nikon D700

The D700 incorporates groundbreaking technologies and performance into a discreetly-sized body.
Body Price £1,839.99
D700 + 105mm VR Micro £2,432.98
D700 + 14-24mm ED £3,137.98

Nikon D3s

FX format professional SLR with a highly sensitive 12.1 megapixel CMOS sensor. Redraw Your Boundaries.
Body Price £3,548.00
Please visit our website for further D3s Deals

Nikon D3x

The D3x redefines high resolution SLR photography, whether you shoot in the studio or out on location.
Body Price £5,049.00
Please visit our website for further D3x Deals

Nikon Lenses

For money saving deals with filters & hoods, visit our website.

AF-G 10.5mm f/2.8G ED DX	£517.00	AF-S 200mm f/2G ED VR II	£4,334.99	AF-S 17-35mm f/2.8 IF-ED	£1,399.99
AF-D 16mm f/2.8D Fisheye	£613.99	AF-S 300mm f/2.8G ED VR II	£4,054.99	AF-S 17-55mm f/2.8G IF-ED	£1,079.99
AF-D 14mm f/2.8D	£1,249.99	AF-S 300mm f/4 D IF-ED	£979.99	AF-S 18-55mm f/3.5-5.6G II	£127.99
AF-D 20mm f/2.8	£469.99	AF-S 400mm f/2.8G ED VR	£6,645.99	AF-S 18-55mm f/3.5-5.6G VR	£110.00
AF-D 24mm f/2.8D	£344.99	AF-S 500mm f/4G ED VR	£5,869.99	AF-S 18-105mm f/3.5-5.6G VR	£230.00
AF-S Nikkor 24mm f/1.4G ED	£1,603.99	AF-S 600mm f/4G ED VR	£7,199.99	AF-S 18-200mm f/3.5-5.6G VR II	£599.99
AF-D 28mm f/2.8	£226.99	AF-S DX 40mm f/2.8G ED	£239.99	AF-S 24-70mm f/2.8G ED	£1,229.99
AF-S 35mm f/1.4G	£1,394.99	AF-S 60mm f/2.8G Micro ED	£409.99	AF-D 24-85mm f/2.8-4	£529.99
35mm f/2.0 AF Nikkor D	£262.99	AF-S 85mm f/3.5G DX Micro	£413.99	AF-S 24-120mm f/4G ED VR	£849.99
35mm f/1.8 AF-S DX	£169.99	AF-S 105mm f/2.8G VR IF-ED	£612.99	AF-S 28-300mm f/3.5-5.6G VR	£729.99
AF 50mm f/1.4D	£239.99	AF-D 200mm f/4D IF-ED	£1,139.99	AF-S 55-200mm f/4-5.6G VR DX	£199.99
AF-S 50mm f/1.4G	£293.99	PC-E 24mm f/3.5D ED	£1,419.99	AF-S 55-300mm f/4.5-5.6G VR	£259.99
AF-D 50mm f/1.8	£112.99	PC-E 45mm f/2.8D ED Micro	£1,419.99	AF-S 70-200mm f/2.8 VR II	£1,632.99
AF-S 50mm f/1.8G	£184.99	PC-E 85mm f/2.8D ED	£1,399.99	AF-S 70-300mm f/4.5-5.6G VR	£449.99
AF-D 85mm f/1.8D	£314.99	AF-S 10-24mm f/3.5-4.5G DX	£666.99	AF-D 80-400mm f/4.5-5.6 VR I	£1,849.99
AF-S 85mm f/1.4G	£1,249.99	AF-S DX 12-24mm f/4 G IF-ED	£829.99	AF-S 200-400mm f/4G VR II	£4,899.99
AF-DC 105mm f/2.0 Nikkor	£794.99	AF-S 14-24mm f/2.8G ED	£1,316.99	TC-14E II 1.4x Teleconverter	£319.99
AF-D 135mm f/2.0D	£989.99	AF-S 16-35mm f/4G ED VR	£849.99	TC-17E II 1.7x Teleconverter	£319.99
AF-D 180mm f/2.8 IF-ED	£628.99	AF-S 16-85mm f/3.5-5.6G VR	£448.99	TC-20E III 2.0x Teleconverter	£404.99



PROFESSIONAL Dealer

Visit us instore or online at ParkCameras.com for a whole range of Nikon accessories at **LOW PRICES!**

PENTAX K-r

- ▶ 12 Megapixel stabilised CMOS sensor
- ▶ High Sensitivity up to ISO 25,600
- ▶ Continuous shooting 6 fps
- ▶ HD Video
- ▶ High resolution 3" LCD Screen



PENTAX Q

- ▶ 12 MP CMOS sensor
- ▶ Full HD Video
- ▶ New range of lenses
- ▶ Shake reduction system
- ▶ 3.0" LCD Screen



£100 Cashback*

Additional £100 cashback from Pentax if bought between 01.11.11 & 31.12.11

OLYMPUS E-PM1

- ▶ 12.3 MP CMOS sensor
- ▶ Full HD Movie
- ▶ 6 Creative Art Filters
- ▶ Metal Body
- ▶ 3.0" LCD Screen



£50 Cashback*

*Additional £50 cashback from Olympus on E-PM1 kits if bought between 01.11.11 & 31.12.11

OLYMPUS E-PL1

- ▶ 12.3 MP CMOS sensor
- ▶ HD Movie
- ▶ Image Stabiliser
- ▶ Art Filters
- ▶ 2.7" LCD Screen



FREE GOODS*

*FREE 2GB Go Digital SD Card (4060195) & Olympus E-System Case (4110100K) worth £39.98

PENTAX K-5

- ▶ 16.3 Megapixel stabilised sensor
- ▶ Weatherproof body with 77 seals
- ▶ Continuous shooting 7 fps
- ▶ Sensitivity range: ISO 80-51,200
- ▶ Full HD Video



£90 Cashback*

Additional £90 cashback from Pentax if bought between 01.11.11 & 31.12.11

PENTAX 645D

- ▶ 40 million pixels
- ▶ Low-pass-filter-less design
- ▶ 77-segment metering
- ▶ Weather resistant
- ▶ Dual SD/SDHC card slots



10% Off*

Additional 10% off if bought before 31.12.11. See website for details

OLYMPUS E-PL3

- ▶ 12.3 MP CMOS sensor
- ▶ Full HD Movie
- ▶ 6 Creative Art Filters
- ▶ Metal Body
- ▶ 3.0" TFT LCD



£50 Cashback*

*Additional £50 cashback from Olympus on E-PL3 kits if bought between 01.11.11 & 31.12.11

OLYMPUS E-P3

- ▶ 12.3 MP CMOS sensor
- ▶ Full HD Movie
- ▶ Image Stabiliser
- ▶ 10 Creative Art Filters
- ▶ 3.0" LCD Touchscreen



Pentax Lenses

FIXED FOCAL LENGTH LENSES	
14mm f/2.8 DA ED IF SMC	£537.00
15mm f/4 DA ED AL DA ED SMC	£579.00
21mm f/3.2 DA ED IF SMC	£389.00
31mm f/1.8 FA SMC (Black)	£1,039.00
35mm f/2.4 SMC DA AL	£134.00
35mm f/2 FA AL SMC	£439.00
40mm f/2.8 DA SMC Limited	£329.00
43mm f/1.9 SMC FA (Black)	£669.00
55mm f/1.4 SMC DA*	£589.00
70mm f/2.4 SMC DA Limited	£389.00
77mm f/1.8 SMC DA (Black)	£789.00
STANDARD ZOOM LENSES	
200mm f/2.8 SMC DA* ED IF	£739.00
300mm f/4 SMC DA* ED IF SMC	£929.00
MACRO LENSES	
35mm f/2.8 Macro Limited	£389.00
50mm f/2.8 MACRO DFA SMC	£369.00
100mm f/2.8 D FA Macro WR	£479.00
WIDE ZOOM LENSES	
10-17mm SMC f/3.5-4.5 DA ED	£419.00
12-24mm f/4 DA ED AL (IF)	£588.00
16-50mm f/2.8 ED AL IF DA*	£629.00
17-70mm SMC DA f/4 AL IF	£389.00

STANDARD ZOOM LENSES	
18-55mm f/3.5-5.6 (Unboxed)	£30.00
18-55mm f/3.5-5.6 DA AL WR	£174.00
18-55mm WR (Unboxed)	£75.00
18-135mm f/3.5-5.6 WR	£369.00
TELEPHOTO ZOOM LENSES	
50-135mm f/2.8 ED IF DA*	£689.00
50-200mm f/4-5.6 ED WR (Unboxed)	£179.00
50-200mm f/4-5.6 ED WR	£209.99
55-300mm f/4.0-5.8	£289.00
60-250mm f/4.0 ED (IF) SMC	£1,019.00

Olympus Lenses

4/3 LENSES	
8mm f/3.5 ED Fisheye	£714.99
25mm f/2.8 Pancake	£208.99
15mm f/3.5 Macro	£199.99
50mm f/2.0 ED Macro	£569.00
150mm f/2.0 ED	£1,999.00
300mm f/2.8 ED	£5,799.00
7-14mm f/4	£1,449.00
9-18mm f/4.0-5.6	£479.00
11-22mm f/2.8-3.5	£719.00
12-60mm f/2.8-4.0 ED SWD	£899.00
14-42mm f/3.5-5.6 ED	£95.00
4/3 LENSES	
14-42mm f/3.5-5.6 ED	£95.00
14-42mm f/3.5-5.6 ED II	£249.99
14-35mm f/2.0 ED SWD	£1,799.00
14-54mm f/2.8-3.5 II	£549.00
18-180mm f/3.5-6.3	£419.00
35-100mm f/2.0	£1,999.00
40-150mm ED (Unboxed)	£149.00
40-150mm f/4.0-5.6 ED II	£244.99
50-200mm f/2.8-3.5 ED SWD	£979.00
70-300mm f/4.0-5.6 ED	£309.99
90-250mm f/2.8	£4,699.00
EC-14 1.4x Tele Converter	£367.99
4/3 LENSES	
EC-20 2x Tele Converter	£387.99
MICRO 4/3 LENSES	
12mm f/2.0	£599.99
17mm f/2.8	£249.99
45mm f/1.8	See Web
9-18mm f/4-5.6	£499.99
14-150mm f/4.0-5.6 ED	£499.99
14-42mm f/3.5-5.6 II	£249.99
40-150mm f/4.0-5.6	See Web
75-300mm f/4.8-6.7	£599.00



Visit our website - updated daily
www.ParkCameras.com/AP
 or e-mail us for sales advice using
sales@parkcameras.com



Phone one of our knowledgeable
 sales advisors available 7 days a week

01444 23 70 60

8.45am - 5:45pm & Sunday 10:15 - 4:30

Stay in Touch - Join Us on **Facebook** | Follow us on **Twitter** | Watch us on **YouTube**

For some really great offers, see the clearance section on our website

Panasonic LUMIX GX1

The LUMIX GX1, lets you take your photography to the next level in an interchangeable lens camera small enough to fit in your jacket pocket. With a chic style, exceptional image quality and intuitive features that help you get the perfect shot every time, the GX1 is designed to be your companion for all of life's precious moments.

- 16.0 Megapixels
- 1920 x 1080 Full-HD High Quality Video Recording
- Advanced AF System
- Easy Manual Control
- Stylish Classic Design



NEW!

Due in stock from Mid-December 2011.
 See our website for full details

**Claim up to
 £135 Cashback
 on LUMIX G**

When you purchase a selected Lumix G digital camera & additional lens together between 1st November and 31st December 2011.

Terms & Conditions Apply

Panasonic DMC-GF2

- ▶ 12.1 Megapixels
- ▶ Intuitive Touch-screen Operation
- ▶ 1920 x 1080 Full HD Movie
- ▶ 3.0" LCD Screen
- ▶ 3D Shooting Compatibility



GF2 Black +14-42mm **£299.00** Add a SanDisk 8GB Ultra SDHC Card for only £12.99!

Panasonic DMC-GF3

- ▶ 13.06 Megapixels
- ▶ Small & Lightweight body
- ▶ 1920 x 1080 Full HD Movie
- ▶ 3.0" LCD Screen
- ▶ Advanced IA (Intelligent Auto) mode



GF3 +14-42mm **£379.95** Up to **£75 Cashback***

Panasonic DMC-G3

- ▶ 16.0 Megapixels
- ▶ Small & Lightweight body
- ▶ 1920 x 1080 Full HD Movie
- ▶ 3.0" LCD Touch-Screen
- ▶ iA Plus for Easy Manual Adjustment



G3 +14-42mm **£465.95** Up to **£65 Cashback***

Panasonic DMC-GH2

- ▶ 16.05 Megapixels
- ▶ 5fps - Up to 40fps in 4MP Mode
- ▶ 1920 x 1080 50i Full HD Movies
- ▶ 3.0" LCD Touch-Screen
- ▶ 3D Shooting Compatible



GH2 +14-42mm **£699.99*** **£40 Cashback*** GH2 +14-140mm **£1,029.99**

Lumix DMC-TZ18
 Compact 14.1 Megapixel camera 24mm Wide-angle 16x Optical Zoom



SRP £289.99
TZ18 + Panasonic 4GB SD Card Only £214.98*

Lumix DMC-TZ20
 Slim travel camera with 16x Optical Zoom, Full HD Movie, GPS and 3D Photo Mode.



SRP £349.99
TZ20 + Panasonic 4GB SD Card Only £244.98*

Lumix DMC-FZ48
 24x Optical Zoom with HD Movie recording offering Active, Creative Photo and Movie



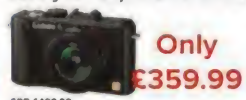
SRP £319.99
FZ48 + Panasonic 8GB SD Card Only £339.98*

Lumix DMC-FZ150
 High Quality photo & Full High Definition Movie with 24x Zoom and O.I.S



SRP £459.00
FZ150 + Panasonic 8GB SD Card Only £399.98*

Lumix DMC-LX5
 Capture Creativity with the New LX5 with New High Sensitivity CCD & F2.0 LEICA lens



SRP £489.99
LX5 + Panasonic 8GB SD Card Only £379.98*

Panasonic MICRO FOUR THIRDS LENSES

14mm f/2.5 Wide Angle Pancake	£239.00*
20mm f/1.7 Pancake ASPH	£269.99*
45mm f/2.8 Macro Leica DG	£574.99*
7-14mm f/4.0 Asp Lumix G	£999.99*
14-140mm Lumix G Vario	£649.99*
14-140mm Lumix G (Unboxed)	£549.99
45-200mm f4.0-5.6 O.I.S	£238.00*

Additional £25 Cashback!
 £25 cashback from Panasonic when purchasing the TZ18 between 01.11.2011 & 31.01.2012

Additional £35 Cashback!
 £35 cashback from Panasonic when purchasing the TZ20 between 01.11.2011 & 31.01.2012

5 Year Warranty!
 5 Year Warranty when purchasing the FZ48 between 01.11.2011 & 31.01.2012

5 Year Warranty!
 5 Year Warranty when purchasing the FZ150 between 01.11.2011 & 31.01.2012

***Up to £25 cashback on lenses available this Christmas! Visit ParkCameras.com for full details**

SONY
 make.believe

There is a full range of Sony Digital SLR cameras, lenses and accessories to help every photographer realise their personal creative vision

SAMSUNG

For the latest in Digital Compact Cameras, Digital Camcorders and the latest TV technology including 3D, please visit us in-store or on-line

Translucent Mirror Technology α55
 • 16.2 megapixels
 • Up to 10fps
 • Full HD 1080i Video
a55 + 18-55mm In stock at £529.00

NEX-5
 • 14.2 megapixels
 • MPEG4 720p video
 • Sweep Panorama
 • 3.0" Tilt-angle LCD
NEX-5 + 18-55mm In stock from £369.00

Sony DSC-HX7
In stock at only £219.00
 SRP £270.00

Translucent Mirror Technology α35
 • 16.2 megapixels
 • Up to 7fps
 • Full HD 1080i Video
£30 CASHBACK AVAILABLE!

NEX-C3
 • 16.2 megapixels
 • 3D Sweep Panorama
 • HD Movie (720p)
£30 CASHBACK AVAILABLE!

Sony Bloggie TS20
In stock from £189.99
 Was £229.99

α65
 • 24.3 megapixels
 • 12 fps burst shooting
 • SteadyShot INSIDE
IN STOCK!! See web for latest price

α77
 • 24.3 megapixels
 • 12 fps burst shooting
 • 19 point AF System
IN STOCK!! See web for latest price

For even more Sony Digital Cameras, Camcorders, Printers and Accessories, please visit us in-store

SAMSUNG NX11
 ▶ 14.6 Megapixel APS-C Sensor
 ▶ New Grip Design
 ▶ Interchangeable Lens System
 ▶ 3.0" AMOLED Screen
 ▶ 720p HD Video Mode
 ▶ Fast AF

NX11 Body Only £309.00

Create stunning images easily with the NX11. Featuring the i-Function lens - which lets you intuitively control complex manual settings - it comes with new features like Panorama Mode and Sound Picture. You can capture everything from sweeping landscapes to the chirping of birds in the background.

NX11 +18-55mm £389.95 **NX11 Twin Kit £499.99** Visit us in-store or online for even more NX11 offers

SAMSUNG NX200
 ▶ 20.3 Megapixel APS-C Sensor
 ▶ High Speed Capture (7fps)
 ▶ Wide range ISO (100 - 12800)
 ▶ 1080 30p Full HD Movie
 ▶ i-Function 2.0
 ▶ 3.0" VGA AMOLED Display

NX200 + 16mm £599.00

Thanks to a 20.3 megapixels APS-C CMOS Sensor, the NX200 delivers images that will satisfy even the most discerning eye. Just as importantly, the camera's innovative features and design make those images easier than ever to capture.

NX200 + 20-50 £499.95 **NX200 + 18-55 £699.95** Visit us in-store or online for even more NX200 offers

FUJIFILM

No matter what kind of photographer you are, Fujifilm have the right digital camera just for you. See the current range on our website, or in our state-of-the-art showroom in Burgess Hill, West Sussex.

FINEPIX X100

• 12.3 megapixel APS-C CMOS sensor
 • 23mm fixed focal length lens (equivalent to 35mm on a 35mm camera)
 • High quality solid build with classic retro two tone design
NEW LOW PRICE! Now only £829.00
Visit our state-of-the-art showroom to see the X100 for yourself



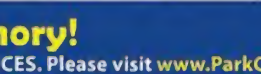
X10

• Newly-developed f/2.0 wide-angle and f/2.8 telephoto, bright FUJINON 4x optical manual barrel zoom lens
 • Combining a bright optical viewfinder with a wide viewing-angle & a manual barrel lens
Limited stock now in!
See website or call a member of our team for more information



FinePix F600 EXR

• 16 megapixel EXR-CMOS sensor with NEW EXR Auto mode and Motion Detection technology
 • 15x optical zoom
 • GPS Landmark Navigator
 • 3.0" LCD screen
In stock at only £229.00!
See website or call a member of our team for more information



Don't forget your memory!

We sell a range of memory cards at varying speeds & capacities, all at LOW PRICES. Please visit www.ParkCameras.com/AP



Visit our state of the art showroom in West Sussex, less than 15 miles from Brighton
York Road, Victoria Business Park, Burgess Hill, West Sussex, RH15 9TT

Sign up to our **FREE** weekly E-newsletter for the Latest News, Deals and Competitions!

Free Delivery to UK Mainland on Cameras/ Printers/ Scanners!

SIGMA

FIXED FOCAL LENGTH LENSES

4.5mm f/2.8 EX DC HSM (Fisheye)	£586.00
8mm f/3.5 EX DG (Fisheye)	£619.99
10mm f/2.8 EX DC HSM (Fisheye)	£489.00
15mm f/2.8 EX DG (Fisheye)	£499.99
20mm f/1.8 EX DG	£539.99
24mm f/1.8 EX DG	£449.99
28mm f/1.8 EX DG	£369.99
30mm f/1.4 EX DC HSM	£379.00
50mm f/1.4 EX DG HSM	£379.00
50mm f/2.8 EX DG Macro	£269.00
70mm f/2.8 EX DG Macro	£369.00
85mm f/1.4 EX DG HSM	£759.00
105mm f/2.8 EX DG OS HSM	£699.00
150mm f/2.8 EX DG OS HSM	£849.99
300mm f/2.8 APO EX DG HSM	£2,239.00
500mm f/4.5 APO EX DG HSM	£3,849.99
800mm f/5.6 APO EX DG HSM	£4,349.99

WIDE ZOOM LENSES

8-16mm f/4-5.6 DC HSM	£549.00
10-20mm f/4-5.6 EX DC HSM	£429.00
10-20mm f/3.5 EX DC HSM	£499.00
12-24mm f/4.5-5.6 DG HSM II	£679.00
17-50mm f/2.8 EX DC OS HSM	£549.99
17-70mm f/2.8-4 DC Macro OS	£339.99

STANDARD ZOOM LENSES

18-50mm f/2.8-4.5 DC OS HSM	£179.99
18-125mm f/3.8-5.6 DC OS HSM	£253.99
18-200mm f/3.5-6.3 DC	from £169.99
18-200mm f/3.5-6.3 DC OS HSM	£249.99
18-200mm f/3.5-6.3 DC OS HSM II	£499.99
18-250mm f/3.5-6.3 DC OS HSM	£399.00
24-70mm f/2.8 EX DG HSM	£639.00

TELEPHOTO ZOOM LENSES

50-150mm f/2.8 APO EX DC HSM II	£559.99
50-200mm f/4-5.6 DC OS HSM	£179.99



Why not take a visit to our showroom in West Sussex, bring your own DSLR, and test out a Sigma lens!

50-500mm f/5-6.3 DG OS HSM	£1,269.00
70-200mm f/2.8 EX DG Macro HSM II	£569.99
70-200mm f/2.8 EX DG OS HSM	£999.00
70-300mm f/4-5.6 DG Macro	£126.99
70-300mm f/4-5.6 APO DG Macro	£179.99
70-300mm f/4-5.6 DG OS	£299.00
120-300mm f/2.8 EX DG OS HSM	£2,099.00
120-400mm f/4.5-5.6 DG OS HSM	See Website
150-500mm f/5-6.3 DG OS HSM	£849.00
200-500mm f/2.8 EX DG APO	£12,999.00
300-800mm f/5.6 EX DG HSM	£5,499.99

TELECONVERTERS

1.4x EX DG Teleconverter	£199.99
2x EX DG Teleconverter	£234.99



SIGMA DP2x

- SLR-sized image sensor
- Full-colour image sensor
- TRUE II image processing engine
- 24.2mm f/2.8 lens
- RAW format recording



SRP £619.99

In stock at only **£399.99!** See website for full details and further bundle offers with accessories

SIGMA SD1

- Magnesium Alloy Body
- 46 Megapixels
- TRUE II image processing engine
- Weather & Dust Resistant
- ISO 100-6400



SRP £619.99

In stock at only **£519.99!** See website for full details and further bundle offers with accessories



Sigma EF-610 DG ST
Fully automatic flash photography for easy operation with a Guide Number of 53

Our Price £129.99



Sigma EF-610 DG Super
Advanced features and high performance for the latest digital and 35mm film SLRs

Our Price £199.99



Sigma EM-140 DG Macro
Multifunctional, dual tubed, macro flash designed for the latest digital SLR cameras

Our Price £319.99

Tokina

AT-X 35mm f/2.8 Macro	£394.99
AT-X 100mm f/2.8 Macro	£374.99
AT-X 10-17mm f/3.5-4.5 DX	£509.99
AT-X 11-16mm f/2.8 Pro	£544.99
AT-X 12-24mm f/4 II	£549.99
AT-X 16-28mm f/2.8 FX	£794.99
AT-X 16.5-135mm f/3.5-5.6	£449.99
T-X Pro 50-135mm f/2.8	£599.99
AT-X 80-400mm f/4.5-5.6 D	£599.99

See our website for money saving offers with filters

Kenko

An easy and inexpensive way to increase the abilities of your lenses without the expense of purchasing & carrying another telephoto lens.

1.4x MC4 DGX	£119.99
2.0x MC7 DGX	£149.99
AF 2x Pro 300 DG Conv.	£199.99
DG Tube Set 36+20+12	£139.99

TAMRON

Authorised Tamron Super Stockist	
60mm f/2 Di II LD (IF) Macro	£354.99
90mm f/2.8 Di Macro 1:1	£348.99
180mm f/3.5 Di LD (IF) Macro	£698.00
10-24mm f/3.5-4.5 Di II LD	£268.99
17-50mm f/2.8 XR Di II LD	£289.00
17-50mm f/2.8 VC XR Di II LD	£344.99
18-200mm f/3.5-6.3 XR Di II	£169.00
18-270mm f/3.5-6.3 Di II VC	£498.00
28-75mm f/2.8 XR Di LD (IF)	£357.99
28-200mm f/3.8-5.6 XR Di	£189.99
28-300mm f/3.5-5.6 XR Di	£318.99
28-300mm f/3.5-5.6 XR Di VC	£459.99
55-200mm f/4-5.6 Di II LD (C)	£124.99
70-200mm f/2.8 Di LD (IF)	£619.99
70-300mm f/4-5.6 Di LD	£132.99
70-300mm f/4-5.6 Di VC USD	£339.99
200-500mm f/5-6.3 Di LD (IF)	£849.99

HOYA

All filters at special prices. Please quote this advert when ordering.	
52mm UV(C) Digital HMC	£15.99
52mm Circular Polarizing	£54.99
52mm SHMC Pro 1-D UV	£38.99
52mm HD Digital UV (0)	£44.49
52mm HD Digital Circular Pol.	£98.99
55mm UV(C) Digital HMC	£17.49
55mm SHMC Pro 1-D UV	£41.49
55mm SHMC Pro 1-D Circ. P	£49.99
55mm HD Digital UV (0)	£48.00
55mm HD Digital Circular Pol.	£99.99
58mm UV(C) Digital HMC	£19.49
58mm SHMC Pro 1-D UV	£44.49
58mm SHMC Pro 1-D Circ. P	£49.99
58mm HD Digital UV (0)	£39.99
58mm HD Digital PL-CIR	£100.99
62mm UV(C) Digital HMC	£19.99
62mm SHMC Pro 1-D UV	£49.99
62mm SHMC Pro 1-D Circ. P	£59.99
62mm HD Digital UV (0)	£57.99
62mm HD Digital Circular Pol.	£101.99
67mm UV(C) Digital HMC	£25.99
67mm HD Digital UV (0)	£66.49
67mm HD Digital Circular P.	£109.99
72mm UV(C) Digital HMC	£45.99
72mm HD Digital UV (0)	£64.49
72mm HD Digital Circular Pol.	£79.99
72mm HD Digital UV (0)	£79.99
72mm HD Digital Circular Pol.	£168.99
77mm UV(C) Digital HMC	£34.99
77mm SHMC Pro 1-D UV	£71.99
77mm SHMC Pro 1-D Circ. P	£71.99
77mm HD Digital UV (0)	£91.99
77mm HD Digital Circular Pol.	£168.99

Can't see what you are after?? See our website for thousands more products

USED EQUIPMENT AT
Updated Daily **PARKCameras.com**

Nikon D200 Body Our Price **£250.00**



Pentax K200 + 18-55mm Our Price **£309.00**



Nikon D5000 Body Only	£319.99
Nikon 24-120mm f/3.5-5.6	£259.00
Nikon 55-200mm DX	£110.00
Nikon 18-105mm VR	£115.00
Canon EF 70-300mm DO IS	£720.00
Sigma 50-150mm (Canon)	£399.00
Sigma 17-35mm (Canon)	£150.00
Leica V-Lux 2	£419.00

Part Exchange Welcome!!

Revitalise your photographic kit by part exchanging your old equipment against the very latest photographic technology.

Wacom Graphics Tablets

Bamboo Touch (2010 Model)	£29.95
Bamboo Pen & Touch	£74.99
Bamboo Fun Small	£89.99
Bamboo Fun Medium	£152.95
Intuos4 Small (A6 Wide)	£169.00
Intuos4 Medium (A5 Wide)	£299.00
Intuos4 Large (A4 Wide)	£399.00

MARUMI Flashguns

DRF14C Ring Flash - Canon	£119.95
DRF14N Ring Flash - Nikon	£119.95
DRF14N Ring Flash - Sony	£119.95

Nissin

Di28 (Canon / Nikon)	£29.99
Di466 (Canon / Nikon)	£79.99
Di466 (Four Thirds - White)	£89.99
Di466 (Four Thirds - Black)	£79.99
Di622 Mk II (Canon / Nikon)	£119.99
Di622 Mk II (Sony)	£119.99
Di866 Mk II (Canon / Nikon)	£199.99
Di866 Mk II (Sony)	£199.99
SC-01 Universal Shoe Cord	£44.99



Nissin Di622 Mark II
• 3 Wireless Modes
• GN44 (ISO 100, 105mm)
• E-TTL II (Canon) - i-TTL (Nikon)

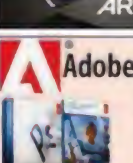


NEW!! Nissin Di866 Mark II
• For use with Sony
• GN60 (ISO 100, 105mm)
• Manual Power Ratio of 8 levels



Please visit our website or showroom & studio facility to see the very latest studio lighting equipment! Learn how to get the best from your gear with our School of Photography Courses available through 2011!

We now stock the slim and light Android Internet Tablets from Archos! Please visit our website to see the range.



Adobe Photoshop Elements 10.0 (Win / Mac)	£74.99
Adobe Premier Elements 9.0 (Win / Mac)	£44.99
Adobe Photoshop CS5	See Web
Lightroom 2.0 Upgrade (Windows / Mac) (3)	£44.00
Adobe Lightroom 3.0 (Windows / Mac)	£219.00
Lightroom 3.0 Upgrade (Windows / Mac)	£75.99

See www.ParkCameras.com for Student Editions



Visit our website - updated daily
www.ParkCameras.com/AP
 or e-mail us for sales advice using
sales@parkcameras.com



Phone one of our knowledgeable
 sales advisors available 7 days a week

01444 23 70 60

8.45am - 5:45pm & Sunday 10:15 - 4:30

Visit www.ParkCameras.com/Training for the latest Courses and Workshops in 2011

Please visit our website for a whole range of tripods & monopods



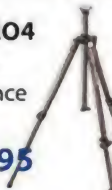
Manfrotto
 Imagine More

**Manfrotto 055 CXPRO4
 Carbon Fibre Tripod**

Combine pro performance
 with great design

Our Price £244.95

SRP £349.95

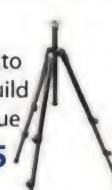


Manfrotto 055XDB

Classic 3 section Manfrotto
 055, with professional build
 quality and excellent value

Our Price £89.95

SRP £129.95



Manfrotto 681B Monopod

Robust three-section Monopod
 featuring sure rubber grip, wrist
 strap & quick action lever leg lock

Our Price £44.95

SRP £59.95



Manfrotto 804 RC2 Head

3 Way Tilt and Pan head, the perfect
 partner to your mobile tripod kit

Our Price £49.95

SRP £119.95



MANFROTTO 055 TRIPODS

055XDB Black	£89.95
055X PROB	£114.95
055CXPRO3 CF 3 Section	£249.99
055CXPRO4 4 CF Section	£244.95

MANFROTTO 190 TRIPODS

190X PROB Pro Aluminium	£99.95
190CXPRO3 - 3 Section CF	£209.95
190CXPRO4 Carbon Fibre	£219.95

MANFROTTO HEADS

GEARED

410 Junior Geared Head	£159.00
405 Pro Geared Head	£349.95

THREE-WAY

056 3D Junior Head	£24.95
804RC2 Basic Pan Tilt with QR	£49.95
391RC2 Junior Pan & Tilt	£49.95
460MG 3D Magnesium Head	£59.95



GIOTTO

Giottos MTL9261B

Medium duty aluminium
 tripod

Our Price £89.99

SRP £101.50



**Giottos MH1300-621 Series II
 Ball Head with Quick Release**

Position your camera with
 ultimate precision

Our Price £84.95

SRP £98.95



**Giottos Vitruvian VGRN9225
 with MH5310-630 Head**

Lightweight and compact tripod
 & monopod - all in one!

Our Price £199.95

SRP £202.50



**Giottos Vitruvian VGRN8225
 with MH5310-630 Head**

Lightweight and compact tripod
 & monopod - all in one!

Our Price £299.95

SRP £326.50



GIOTTOS TRIPODS KITS

GTMTL9351B + MH5011	£119.95
GTMTL9361B + MH5001	£119.99
Vitruvian VGRN9225+MH5310	£199.95
Vitruvian VGRN8225+MH5310	£299.95

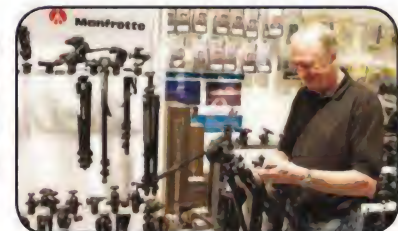
ALUMINUM TRIPODS

MTL9251B 3 Section	£79.95
MTL9271B 3 Section	£103.95
MTL9351B 3 Section	£84.95

CARBON FIBRE TRIPODS

MTL8351B 3 Section	£178.95
MTL8350B 4 Section	£188.95
MTL8360B 4 Section	£199.95
MTL8361B 3 Section	£189.95

The thought process that goes into purchasing a tripod is just as important as any other product being added to your photographic kit. The flexibility that your tripod affords you in terms of weight, load capability, head type and even its ability to convert into a monopod are all vital considerations, ensuring that when put to the test, your chosen tripod won't let you down.



SLIK

**Slik Pro 624CF II
 Carbon Fibre Legs**

Professional carbon fibre tripod
 with 4 section legs.

Our Price £169.99

SRP £306.37



Velbon

Velbon Sherpa 200R Tripod

General purpose tripod with
 extending to 162cm, weighing 2kg

Our Price £79.00

SRP £183.82



**5 STAR
 GITZO
 DEALER**

**Gitzo GT3531 Mountaineer
 Series 3 Carbon Fibre**

Lightweight all-in-one
 tripod with head

Our Price £609.95

SRP £679.95



SLIK TRIPODS

Mini Pro III (B+S Head)	£19.99	SH-704E 3-Way Q/R	£55.99
F153 Tripod + Case	£39.99	Ball Head SBH-200DQ	£60.99
Sprint Mini II GM	£54.99	Ball Head 800	£81.99
Pro 340DX Complete	£109.99	SH-807E 3-Way Q/R	£101.99
Master Classic	£119.99	SLIK MONOPODS	
Sprint Pro II 3WAY GM	£64.00	Monopod 350 EX	£39.00
Pro 500DX Complete	£119.99	Monopod 350 AF	£79.99
Pro 700DX Complete	£119.99	Pro Pod 600	£49.99
Pro 724 CF C/F Legs	£189.99		
Pro 723 AF Complete	£259.99		

TRIPODS

Mini 2 Tripod + B&S Head	£24.99
CX-440 Tripod	£24.99
CX-300 Tripod	£42.78
C-600 Video Tripod	£69.99
C-500 Video Tripod	£55.99
Ultra Maxi M Tripod	£69.99
Ultra Maxi L	£70.99
Ultra Luxi M	£96.99
DV-7000 Video Tripod	£96.99
GEO E440L C/Fibre	£189.99
GEO E530 C/Fibre	£219.99

Our Price

Our Price

GEO E540L C/Fibre	£179.99
GEO E640 C/Fibre	£229.99
VELBON MONOPODS	
Ultra Stick M50	£28.00
UP-400DX	£39.62
Ultra Stick L50	£29.99
VELBON HEADS	
PHD-31Q 3-Way + QR	£24.99
FHD-52Q + QR	£27.16

GITZO TRIPODS

GT3340L Alum.	£419.95	G1077M Centre Ball	£69.95
GT2531LVL Tripod	£534.95	G1177M Centre Ball	£79.95
GT2541 Tripod	£554.95	G2180 Fluid Head QR	£179.95
GT2541EX S2 6x	£534.95	GH1780QR Centre Ball	£199.95
GT2540LLVL	£624.95	GH2780QR Centre Ball	£274.95
GK1380VQR Vintage	£619.95	GH3780 Centre Ball	£249.95
GK2380VQR Vintage	£684.95	GH5380SQR Systematic	£314.95
GK1581OT	£889.95	GH2750 Off Centre Ball	£169.95

GITZO HEADS

TRY BEFORE YOU BUY!

Visit our state-of-the-art showroom and see the full range of tripods, monopods and accessories which you can test out on your own equipment in our store.

Introduction into Adobe Lightroom 3.4 - 12/01/12 - £99.99

Learn how to quickly import, process, manage, and showcase your images. Please visit www.ParkCameras.com/Training for details.



wex

photographic
warehouse express

Voted Best Online Retailer 2002-2011
and Best Specialist Retailer 2010-2011

PROFESSIONAL Dealer



Nikon V1
10.1 megapixels
60 fps
1080i movie mode

Nikon 1: V1 From **£729**

V1: White or Black
NEW! V1 + 10-30mm **£729**
NEW! V1 + 10mm **£779**
NEW! V1 + 10-30mm + 30-110mm **£899**
J1: White, Red, Silver or Black
NEW! J1 + 10-30mm **£459**
NEW! J1 + 10mm **£499**
NEW! J1 + 10-30mm + 30-110mm **£599**



Nikon D3100
15.1 megapixels
3.4 fps
1080p movie mode

D3100 Body **£399.99**

D3100 + 18-55mm f3.5-5.6 G AF-S DX VR RRP £579.99 **£479.99**
D3100 + 18-55mm f3.5-5.6 G AF-S DX VR + 55-200mm f4.5-6.3 G AF-S DX IF-ED VR **£663.89**

CUSTOMER REVIEW: D3100 + 18-55mm VR
★★★★☆ 'A Superb, entry level DSLR' *Bullfinch - Essex*



Nikon D90
12.3 megapixels
4.5 fps
720p movie mode

D90 From **£699**

D90 Body **£699**
D90 + 18-105mm f3.5-5.6 G AF-S ED DX VR **£899**

CUSTOMER REVIEW: D90 + 18-105mm VR
★★★★★ 'Most fun I have had with a camera in years' *Crispin - Essex*



Nikon D5100
16.2 megapixels
4.0 fps
1080p movie mode

D5100 From **£539**

D5100 Body RRP £669.99 **£539**
D5100 + 18-55mm f3.5-5.6 G AF-S DX VR RRP £779.99 **£679.99**
D5100 + 18-55mm + 55-200mm **£866.98**

CUSTOMER REVIEW: D5100 + 18-55mm VR
★★★★★ 'Ideal for holidays, versatile' *Lionheart - Surrey*



Nikon D7000
16.2 megapixels
6.0 fps
1080p movie mode

D7000 From **£949**

D7000 Body RRP £1099.99 **£949**
D7000 + 18-105mm f3.5-5.6 G AF-S ED DX VR RRP £1299.99 **£1199**
D7000 RECOMMENDED ACCESSORY: Nikon MB-D11 Battery Grip **£249**

CUSTOMER REVIEW: D7000 + 18-105mm VR
★★★★★ 'Amazing results with high ISOs' *Jeffrey - West Sussex*



Nikon D300s
12.3 megapixels
7.0 fps
720p movie mode

D300s From **£1095**

D300s Body RRP £1499.99 **£1095**

Nikon Capture NX2 **£132.99**
Nikon Capture NX2 Upgrade (Capture NX required) **£81.99**

CUSTOMER REVIEW: D300s + 16-85mm VR
★★★★★ 'The perfect combo for a Prosumer' *Robin - Bristol*



Nikon D700
12.1 megapixels
5.0 fps
full frame CMOS sensor

D700 From **£1779**

D700 Body RRP £2247.99 **£1779**

Nikon Camera Control Pro 2
Remotely control most functions of Nikon DSLRs from a computer via USB or Wireless Transmitter **£136.99**

CUSTOMER REVIEW: D700 Body
★★★★★ 'Terrific Full-Frame DSLR' *Richard D300 - North Wales*



Nikon D3s
12.1 megapixels
9.0 fps
full frame CMOS sensor

Nikon D3x
24.5 megapixels
7.0 fps
full frame CMOS sensor

D3s Body **£3548**
D3s Body RRP £4199 **£3548**
D3x Body **£5049**

CUSTOMER REVIEW: D3s Body
★★★★★ 'Superb Pro-Camera' *WorcesterWeddings - Worcester*
CUSTOMER REVIEW: D3x Body
★★★★★ 'As good as it gets' *Peterhegroot - Kent*

SONY



NEX-5N From **£498.99**

NEX-5N Body (Black) **£448.99 Inc Cashback***
NEX-5N + 18-55mm (Silver or Black) **£489 Inc Cashback***
NEX-5N + 16mm + 18-55mm (Silver or Black) **£549 Inc Cashback***
£50 Sony Cashback ends 18.01.12

NEX-7 From **£998**

NEW! NEX-7 Body (Black) **£998**
NEW! NEX-7 + 18-55mm (Black) **£1128**



NEX-C3 From **£419**

NEX-C3 + 18-55mm **£389 Inc Cashback***
NEX-C3 + 16mm + 18-55mm **£469 Inc Cashback***
£30 Sony Cashback ends 24.12.11

A35 From **£379**

A35 Body **£349 Inc C/back***
A35 + 18-55mm **£414 Inc C/back***
£30 Sony Cashback ends 24.12.11

A900 From **£2189.99**

A900 Body **£2189.99**

Panasonic



G3 From **£429.90**

G3 Body (Black) **£429.90**
£40 Panasonic Cashback on:
G3 + 14-42mm **£439.99 Inc C/back***
GH2 + 14-42mm **£679 Inc C/back***
GH2 + 14-140mm **£1009 Inc C/back***
£40 Panasonic Cashback ends 31.12.11

GH2 From **£719**

GH2 + 14-42mm **£679 Inc C/back***
GH2 + 14-140mm **£1009 Inc C/back***

GF2 From **£449**

GF2 + 14-42mm **£449**
GF2 + 14mm f2.5 ASPH + 14-42mm f3.5-5.6 ASP MEGA OIS (Black) **£549**
G SERIES RECOMMENDED ACCESSORY: Panasonic DMW-MA1 - Four Thirds Lens Mount Adaptor **£130.99**

OLYMPUS



E-P3 From **£619**

E-P3 + 14-42mm f3.5-5.6 ED **£699**
E-P3 + 17mm f2.8 Pancake **£699**
E-P3 + 14-42mm f3.5-5.6 ED + 40-150mm f4.0-5.6 ED **£879**
E-P3 + 14-150mm f4.0-5.6 ED **£989**

E-PM1 From **£339**

E-PM1 + 14-42mm II **£339 Inc Cashback***
E-PM1 + 14-42mm II + 40-150mm **£489 Inc Cashback***
£50 Olympus Cashback ends 15.01.12



E-5 From **£1338**

OLYMPUS LENSES:
Olympus 35mm f3.5 Macro (Digital Four Thirds) **£209.99**
Olympus 40-150mm f4.5-6.3 ED (Micro Four Thirds) **£245.99**
Olympus 14-150mm f4.0-5.6 ED (Micro Four Thirds) **£499.99**
Olympus 75-300mm f4.8-6.7 (Micro Four Thirds) **£659**

PENTAX



K-5 From **£729**

K-5 + 18-55mm **£689 Inc Cashback***
K-5 + 18-55mm + 50-200mm **£828 Inc Cashback***
K-5 + 18-135mm **£1019 Inc Cashback***
£90 Pentax Cashback ends 31.12.11

K-r From **£395**

K-r + 18-55mm f3.5-5.6 AL WR RRP £599.99 **£395**

K-r RECOMMENDED ACCESSORIES:
Pentax AF 360 FG2 Flashgun **£249.99**
Pentax DA 55-300mm Lens **£274.99**
Pentax K-Bag Shoulder Bag **£34.99**

01603 208761

advice line: 01603 208302

call us Mon-Fri 8am-7pm

or visit our website at www.wex.co.uk

Canon Cashback ends 25.01.12

Canon EOS 1100D

12.2 megapixels
3.0 fps
720p movie mode

SAVE UP TO £120 ON RRP

1100D Body	RRP £419	£298.99
1100D + 18-55mm f3.5-5.6 IS II	RRP £499	£395

Canon EOS 600D

18.0 megapixels
3.7 fps
1080p movie mode

£50 CASHBACK*

600D Body	£485 Inc Cashback*	£535
600D + 18-55mm f3.5-5.6 IS II	£549 Inc Cashback*	£599
600D + 18-135mm f3.5-5.6 IS	£719 Inc Cashback*	£769
600D + 18-55mm II + 55-250mm f4.0-5.6 IS II	£799 Inc Cashback*	£849

CUSTOMER REVIEW: 1100D + 18-55mm II
★★★★★ 'Great for a novice looking to improve'
Liz - South West

CUSTOMER REVIEW: 600D + 18-135mm IS
★★★★★ 'An excellent product'
Wheelyjon - Suffolk

Canon EOS 550D

18.0 megapixels
3.7 fps
1080p movie mode

£40 CASHBACK*

550D Body	£439 Inc Cashback*	£479
550D + 18-55mm f3.5-5.6 IS	£539.95 Inc Cashback*	£499.95
550D + 18-135mm f3.5-5.6 IS	£675 Inc Cashback*	£715
550D + 18-55mm f3.5-5.6 IS + 55-250mm f4.0-5.6 IS	£719 Inc Cashback*	£759

CUSTOMER REVIEW: 550D + 18-55mm IS
★★★★★ 'Amazing video image'
Rob - Norwich

Canon EOS 60D

18.0 megapixels
5.3 fps
1080p movie mode

SAVE UP TO £402 ON RRP

60D	From £769
60D Body	RRP £1049.99 £769
60D + 18-55mm f3.5-5.6 IS II	RRP £1149.99 £841
60D + 18-135mm f3.5-5.6 IS	RRP £1299.99 £965
60D + 17-85mm f4.0-5.6 IS USM	RRP £1349.99 £999
60D + 17-55mm f2.8 IS USM	RRP £1949.99 £1547.95

CUSTOMER REVIEW: 60D Body
★★★★★ 'Wow, an amazing camera'
Adrian - UK

Canon EOS 7D

18.0 megapixels
8.0 fps
1080p movie mode

SAVE UP TO £804 ON RRP

7D Body	£1149
7D + 18-135mm f3.5-5.6 IS	RRP £1999.99 £1394
7D + 15-85mm f3.5-5.6 IS USM	RRP £2399.99 £1595
7D + 70-300mm L IS USM	RRP £2899.99 £2269

CUSTOMER REVIEW: 7D + 15-85mm
★★★★★ 'Probably the best APS-C DSLR around'
Shuggie - Scotland

Canon EOS 5D Mark II

21.1 megapixels
3.9 fps
1080p movie mode
full frame CMOS sensor

SAVE UP TO £924 ON RRP

5D Mark II Body	RRP £2299.99	ONLY £1544
-----------------	--------------	-------------------

5D Mark II + 24-105mm f4L IS USM RRP £3199.99 **£2095**
5D Mark II + 24-70mm f2.8L USM **£2533**

5D Mark II RECOMMENDED ACCESSORIES:
Canon RS-80N3 £39.95
Canon LP-E6 Battery £69.95
Canon BG-E6 Battery Grip £219.95
Canon EF 50mm f1.2 L USM Lens £1268

★★★★★ CUSTOMER PRODUCT REVIEWS ★★★★★
There are currently over 6000 product reviews on our site - visit us today to read what our customers think of the products we sell!

CUSTOMER REVIEW: 5D Mark II + 24-105mm f4L IS USM
★★★★★ 'Awesome IQ and ISO Performance'
JDastBollington - Cheshire

Canon 1D Mark IV

16.1 megapixels
10.0 fps
1080p movie mode

SAVE £1300 ON RRP

1D Mk IV Body	RRP £4799.99 £3499.99
---------------	------------------------------

Canon 1D X

18.1 megapixels
12.0 fps
full frame CMOS sensor

NEW! 1D X Body £5299

1D Mark IV Body RRP £4799.99 **£3499.99**
NEW! 1D X Body Pre-Order Now! **£5299**

CUSTOMER REVIEW: 1D Mark IV Body
★★★★★ 'Stunning camera'
Zurg - South Wales

Memory Cards



NEW! SanDisk Extreme Pro: 600x SDXC

16GB	£109
32GB	£179
64GB	£299

SanDisk Extreme: 400x UDMA C/Flash

8GB	£49
16GB	£79

32GB £179
SanDisk Extreme Pro: 600x UDMA C/Flash

16GB	£149
32GB	£234.99
64GB	£489

SanDisk ImageMate Multi-Card Reader 12-in-1 USB 3.0 White £39.95

Lexar



Lexar Professional: 133x SDHC

8GB	£34.99
16GB	£54.99
32GB	£99.99

NEW! Lexar Pro Reader
A Dual-Slot USB 3.0 Reader with a USB interface speed file transfer up to 500MB/s. (Backwards compatible). £38

600x UDMA C/Flash

8GB	£69
16GB	£139
32GB	£239



SanDisk Eye-Fi SDHC Memory Cards:
Automatically upload photos and videos to your computer and to your favourite website - wirelessly!

SD Card with Adapter

NEW! 4GB	£42
NEW! 8GB	£60

Latest CASHBACKS*
Scan this code via a Reader App on your smart phone

Or visit <http://bit.ly/kBRQQ>

Flashguns & Macroflash

Canon Speedlites: SB600 £169.99 SB700 £199.99 SB900 £249.99 R1 £417.99 R1C1 £599.99 HVL-F58AM £389.99 HVL-F43AM £241.99 FL50R £459.99 FL36R £209.99 AF 540FGZ £349.99 AF 360FGZ £249.99 DRF14 £119	Macroflashes: MT-24EX £749 SB600 £169.99 SB700 £199.99 SB900 £249.99 R1 £417.99 R1C1 £599.99 HVL-F58AM £389.99 HVL-F43AM £241.99 FL50R £459.99 FL36R £209.99 AF 540FGZ £349.99 AF 360FGZ £249.99 DRF14 £119	Nikon Speedlights: SB600 £169.99 SB700 £199.99 SB900 £249.99 R1 £417.99 R1C1 £599.99 HVL-F58AM £389.99 HVL-F43AM £241.99 FL50R £459.99 FL36R £209.99 AF 540FGZ £349.99 AF 360FGZ £249.99 DRF14 £119	Klits: R1 £417.99 R1C1 £599.99 HVL-F58AM £389.99 HVL-F43AM £241.99 FL50R £459.99 FL36R £209.99 AF 540FGZ £349.99 AF 360FGZ £249.99 DRF14 £119	SONY Flashguns: HVL-F58AM £389.99 HVL-F43AM £241.99 FL50R £459.99 FL36R £209.99 AF 540FGZ £349.99 AF 360FGZ £249.99 DRF14 £119	OLYMPUS Flashguns: FL50R £459.99 FL36R £209.99 AF 540FGZ £349.99 AF 360FGZ £249.99 DRF14 £119	PENTAX Flashguns: AF 540FGZ £349.99 AF 360FGZ £249.99 DRF14 £119	Ringflash: DRF14 £119	
Flashguns: 24 AF-1 £54.95 44 AF-1 £129 50 AF-1 £180 58 AF-2 £285	Macro flash: 15 MS-1 £295.99	SIGMA Flashguns: EF 610 DG ST £129.99 EF 610 DG Super £209.99	Macro Flash: EM-140 DG £299.99	Nissin Flashguns: Di466 £81.99 Di622 II £119.99 Di866 £199	SUNPAK Flashguns: PZ42X From £99.99 PF30X £81.99	Ringflash: 16R Pro £337.99		
STO-FEN Choose from three colours: White: Diffused bare-bulb effect Green: Ideal for fluorescent tube lit shots Gold: warming skin tones and for overall warming of the shot	Omni-Bounce From £17.99	Strobist Filter Collection £8.99	Micro Apollo £65	Umbrella Flash Kit £65	FlashBender From £23.99	Speedlite Accessory kit £60	7-in-1 110cm Reflector £29.99	Mini Umbrella Flash Kit £30.99
Flash Diffusers: Softbox £30.99 Softbox III £43.99 Soft Screen Pop Up £13.99	Traveller8 Softbox £54	PortABox From £22.99	Folding Softbox From £61.99	Ezybox Softbox £39.99	Ezybox Hotshoe From £70	TriFlash Kit From £94.99	Tiltthead £17.99	

Terms and Conditions
All prices incl. VAT at 20%. Prices correct at time of going to press. FREE Delivery** available on orders over £150 (based on a 4 day delivery service). For Next Working Day Delivery our charges are: £4.99** for orders over £100, £9.99** for orders under £100. Saturday deliveries are charged at a flat rate of £7.50**. (**Deliveries to some European countries, Northern Ireland, remote areas of Scotland & Channel Isles are subject to extra charges.) E & O.E. Prices subject to change. Goods subject to availability. Live Chat operates between 8am-7pm Mon-Fri and may not be available during peak periods. ©Warehouse Express 2011.

*CASHBACKS are redeemed via product registration with the manufacturer. Please refer to our website for details.

wex showroom - visit us today
• Touch, Try and Buy latest Cameras & Accessories
• Over 13,000 products to choose from
• Award winning specialists!
Mon & Wed-Sat 10am-6pm, Tues 10am-5pm, Sun 10am-4pm.
Unit 8, Frenbury Estate, Norwich. NR6 5DP.



wex

photographic
warehouse express

Voted Best Online Retailer 2002-2011
and Best Specialist Retailer 2010-2011

Digital SLR Lenses

Canon

**SAVE
£40**
on RRP

50mm f1.8 II
RRP £129.99
£89

Canon



EF 8-15mm
f4.0 L USM
Fisheye
£1149

Canon



EF 70-300mm
f4.0-5.6 L
IS USM
£1149

Canon



EF 300mm
f2.8 L IS
USM II
£5574

Nikon



85mm
f1.4 G
AF-S
£1264.99

Nikon



24-120mm
f4 G ED
AF-S VR
£838.99

Nikon



28-300mm
f3.5-5.6 G ED
AF-S VR
£694.99

Nikon



55-300mm
f4.5-5.6 G
AF-S DX VR
£268.99

CANON LENSES

EF 24mm f1.4 L II USM	£1348.99
EF 24mm f2.8	£371.89
TS-E 24mm f2.8 L II	£1719.99
EF 28mm f1.8 USM	£388.99
EF 28mm f2.8 USM	£163.99
EF 35mm f1.4 L USM	£1158.99
EF 35mm f2.0	£217.99
TS-E 45mm f2.8	£1118.95
EF 50mm f1.2 L USM	£1268
EF 50mm f1.4 USM	£298.95
EF 50mm f1.8 II	£89
EF-S 60mm f2.8 USM Macro	£354.99
MP-E 65mm f2.8 1-5x Macro	£844.99
EF 55mm f1.2 L II USM	£1743.95
EF 55mm f1.8 USM	£311.99
TS-E 90mm f2.8	£1144.95
EF 100mm f2.8 L USM Macro	£429
EF 100mm f2.8 L IS USM	£729
EF 135mm f2.0 L USM	£899.89
EF 180mm f3.5 L USM Macro	£1258.99
EF 200mm f2.8 L USM II	£599.99
EF 300mm f2.8 L IS USM	£5574
EF 300mm f4.0 L IS USM	£1143.95
EF 400mm f2.8 L IS USM II	£8869.95
EF 400mm f5.6 L USM	£1089.99
EF 500mm f4.0 L IS USM II	£8489
EF 600mm f4.0 L IS USM II	£11099
EF 800mm f5.6 L IS USM	£9794
EF 8-15mm f4.0 L USM Fisheye	£1149
EF-S 10-22mm f3.5-4.5 USM	£659
EF-S 15-85mm f3.5-5.6 IS USM	£608.99
EF 16-35mm f2.8 L USM II	£1169
EF 17-40mm f4.0 L USM	£614
EF-S 17-55mm f2.8 IS USM	£769
EF-S 17-85mm f4.0-5.6 IS USM	£358
EF-S 18-55mm f3.5-5.6 IS II	£148.99
EF-S 18-135mm f3.5-5.6 IS	£349.99
EF-S 18-200mm f3.5-6.3 IS	£409
EF 24-70mm f2.8 L USM	£989

NIKON LENSES

10.5mm f2.8 G IF-ED AF DX Fisheye	£523.89
14mm f2.8 D AF ED	£1213.89
16mm f2.8 D AF Fisheye	£997.89
24mm f1.4 G AF-S ED	£1608.95
24mm f2.8 D AF	£332.89
24mm f3.5 D ED PC-E	£1383.89
28mm f2.8 D AF	£220.89
35mm f1.8 G AF-S DX	£163.99
35mm f2.0 D AF	£254.89
45mm f2.8 D PC-E ED Micro	£1393.99
50mm f1.4 G AF-S	£298.99
50mm f1.4 D AF	£232.99
50mm f1.8 D AF	£107.99
50mm f1.8 G AF-S	£189.99
60mm f2.8 G AF-S ED Micro	£397.99
85mm f1.4 G AF-S	£1264.99
85mm f1.4 D AF	£897.89
85mm f1.8 D AF	£304.89
85mm f2.8 D PC-E Micros	£1357.99
85mm f3.5 G ED AF-S VR DX Micro	£414.99
105mm f2.8 G AF-S VR IF ED Micro	£612.99
135mm f2.0 D AF DC	£967.99
180mm f2.8 D AF IF-ED	£627.99
200mm f2.0 G ED AF-S VR IF	£3128.99
200mm f4.0 AF Micro	£1123.89

300mm f2.8 G ED VR II AF-S	£4056.99
300mm f4.0 D AF-S IF ED	£977.89
400mm f2.8 G ED VR AF-S	£6647
500mm f4.0 ED VR AF-S	£5867.89
600mm f4.0 ED VR AF-S	£7072.99
12-24mm f3.5-4.5 G AF-S DX	£666.99
12-24mm f4.0 G ED AF-S IF DX	£808.89
14-24mm f2.8 G ED AF-S	£1316.99
16-35mm f4.0 G ED AF-S VR	£848.89
16-85mm f3.5-5.6 G ED AF-S DX VR	£448.99
17-55mm f2.8 G ED AF-S IF	£1064.89
18-35mm f3.5-4.5 D IF ED AF	£502.99
18-55mm f3.5-5.6 G ED AF-S DX II	£123.99
18-55mm f3.5-5.6 G AF-S DX VR	£146.50
24-70mm f2.8 G ED AF-S	£224.80
24-120mm f4.0 G ED AF-S VR	£598.99
24-85mm f2.8-4.0 D AF	£1227.89
24-120mm f4.0 G ED AF-S VR	£515.89
28-300mm f3.5-5.6 G ED AF-S VR	£838.99
25-200mm f4.5-6.7 G ED AF-S DX VR IF	£994.99
55-200mm f4.5-6.7 G AF-S DX	£242.89
55-300mm f4.5-6.7 G AF-S DX VR	£187.89
70-200mm f2.8 G ED AF-S VR II	£268.99
70-300mm f4.5-6.7 G ED AF-S IF VR	£1632.99
80-400mm f4.5-6.7 D AF VR	£438.89
200-400mm f4.0 G ED AF-S IF VR	£1183.99
200-400mm f4.0 G ED AF-S VR II	£4773.99
200-400mm f4.0 G ED AF-S VR II	£4988

SIGMA LENSES

30mm f1.4 EX DC	£379
50mm f2.8 EX DG Macro	£269
50mm f1.4 EX DG HSM From	£379
70mm f2.8 EX DG Macro	£369
85mm f1.4 EX DG HSM	£759
105mm f2.8 EX DG Macro	£399
150mm f2.8 EX DG OS HSM Macro	£999.99
300mm f2.8 EX DG	£2197
500mm f4.5 EX DG	£3774
800mm f5.6 APO EX DG HSM	£4319

8-16mm f4.5-5.6 DC HSM	£549
10-20mm f4.0-5.6 EX DC HSM	£429
10-20mm f3.5 EX DC HSM	£499
NEW! 12-24mm f4.5-5.6 EX DG HSM II	£679
17-70mm f2.8-4.0 DC Macro OS HSM	£349.99
18-50mm f2.8-4.5 DC OS HSM	£177
18-125mm f3.8-5.6 DC OS HSM	£253.99
18-200mm f3.5-6.3 DC	£174.99
18-250mm f3.5-6.3 DC OS HSM	£399
24-70mm f2.8 IF EX DG HSM	£639
50-200mm f4.0-5.6 DC OS HSM	£176.99
50-500mm f4.5-6.3 DG OS HSM	£1269
70-200mm f2.8 EX DG OS HSM	£999
70-300mm f4.0-5.6 APO Macro Super DG	£177.99
70-300mm f4.0-5.6 DL Macro Super DG	£126.99
70-300mm f4.0-5.6 DG OS	£298.99
120-400mm f4.5-5.6 APO DG OS HSM	£759
150-500mm f5.0-6.3 DG OS HSM	£849
200-500mm f2.8 EX DG	£1277.99
300-800mm f5.6 EX DG APO HSM	£5498
1.4x EX DG APO Tele Converter	£199
2x EX DG APO Tele Converter	£232.99

TAMRON LENSES

Up to £50 TAMRON CASHBACK* on selected lenses:	
18-200mm f3.5-6.3 AF XR Di II	£169
£149 inc £20 Cashback*	
70-300mm f4.5-6.3 SP Di VC USD	£339.99
£309.99 inc £30 Cashback*	
18-270mm f3.5-6.3 Di II VC PZD	£498
£448 inc £50 Cashback*	

TAMRON CASHBACK ends 15.01.12

Digital Compact Cameras

Digital Compact Batteries, Cases and Accessories are available on our website

**WIN YOUR
MONEY BACK!**

Order and take delivery of one of these NEW! Canon Compacts from us and be entered into a prize draw to WIN your money back - there are FIVE chances to win.

*T&Cs apply - see website for details. Offer closes 31.12.11. Offer applicable to Canon PowerShot S100 & SX40 HS Only.



NEW! PowerShot S100
£439



NEW! PowerShot SX40 HS
£429



PowerShot G12 RRP £539
£399

Powershot S95 Black	RRP £399	£299
IXUS 230 HS Pink, Purple, Green, Blue, Silver or Black		£199
IXUS 310 HS Silver, Brown, Pink or Gold		£229
IXUS 1000 HS Silver, Brown or Pink		£249.95
IXUS 1100 HS Red, Silver or Black		£329.95



Optio WG-1 Purple or Black £199
Optio WG-1 GPS Grey, Orange or Green £219



Lumix TZ20 Red, Blue, Silver or Black
£234.95



Lumix FZ45
RRP £379.99 **£239**



Lumix LX5
£359.95

LUMIX FS35 Purple, Blue, Red, Black or Silver	£119.95
LUMIX FP3 Blue or Grey	£148.95
LUMIX FX70 Black	£148
LUMIX FT10 Red or Black	£149
LUMIX TZ28 Silver or Black	£164
LUMIX TZ20 Silver, Blue, Red or Black	£234.95
LUMIX FT3 Red or Blue	£264
LUMIX FZ100 Black	RRP £479
LUMIX FZ150 Black	£389.95



XZ-1 White or Black
£269.95 inc £40 Cashback*
£309.95

VR-310 Red, Purple, Silver or Black	£87
SP-610 UZ Black	£139.95
NEW! SP-810 UZ Classic Black	£199.95
Tough Models Waterproof, shockproof and Freezeproof! See website for details:	
TG-310 Blue, White, Orange, Red or Silver	£124
TG-610 Blue, Red, Silver or Black	£174.95

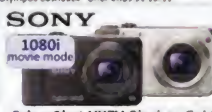


Coolpix P7000
RRP £429.99 **£269**



Coolpix S3100 Blue, Silver, Yellow, Purple, Pink, Red or Black
£78

NEW! Coolpix S6200 Pink, Red or Black	£134
Coolpix P300 Black	RRP £299.99
NEW! Coolpix S8200 White, Red, Silver or Black	£219
NEW! Coolpix AW100 Black, Orange or Camouflage	£259
Coolpix P500 Black	RRP £399.99
NEW! Coolpix S1200pj Pink or Black	£329.95
NEW! Coolpix P7100 Black	£398



Cyber-shot HX7V Black or Gold
£199.95 inc £30 Cashback*
£229.95

WX5 Violet or Brown	£267
TX10 Silver, Pink or Black	£269
UP TO £40 SONY CASHBACK* on selected models:	
WX7 Black or Silver	£154.95 inc £30 Cashback*
WX10 Gold or Black	£184.95
HX9V Black	£199 inc £30 Cashback*
HX100V Black	£229
	£249.95 inc £40 Cashback*
	£279.95
	£344.95 inc £40 Cashback*
	£384.95



Finepix H520 EXR
£259



Finepix X100
ONLY £849

FinePix S2950 Black	£119
FinePix S3200 Black	RRP £249.99
FinePix Z900 Red, Blue, Pink or Black	£139.95
FinePix S4000 Black	£169
FinePix F500 EXR White, Red or Black	RRP £279.99
FinePix Real 3D W3	RRP £429.99
FinePix F550 EXR Black	RRP £329.99
NEW! FinePix F600 EXR	£229
NEW! FinePix X10	RRP £529.99

FREE DELIVERY ON ORDERS OVER £150**

Order by 6.30pm 22nd December for pre-Christmas Delivery

01603 208761

advice line: 01603 208302

call us **Mon-Fri 8am-7pm**

or visit our website at www.wex.co.uk



**SAVE
£160
ON RRP**

Nikon Coolpix P7000
Only **£269**

+ **FREE** Case worth £24.99
Save £160 RRP £429.99



**FREE
UV
FILTER**

Sigma 10-20mm f4.0-5.6
Lens. Only **£429**

+ **FREE** Sigma UV Filter
worth £49.99



**FREE
4GB Card
& Case**

Fujifilm Finepix JX370
Only **£74.99**

+ **FREE** 4GB Card &
Case worth £24.90



**£50
Cashback***

Canon EOS 600D
DSLR. From **£535**

+ **FREE** Bag worth £69.99
+ **£50 Cashback***

Christmas WOW Deals

HURRY Once they're gone, they're gone!



**SAVE
£15**

Metz 36 AF-5 Flashgun
Only **£69.99**

Save £15 was £84.99



**SAVE
£22
ON RRP**

USB 2.0

Lacie 500GB Rikiki Hard
Drive. Only **£55**

Save £22 RRP £77



**3
for
£10**

Ilford A4 Glossy Paper
(20s). Only **£10**

Save £5



**SAVE
£20**

Lowepro Fastpack
350 Black. Only **£49**

Save £20 was £69



**FREE
Nik
Viveza 2**

ColorMunki Photo
Only **£296.95**

+ **FREE** Nik Viveza 2
Software worth £87



**FREE
Paper &
3 Year
Warranty**

A3+ Pro Printer

Epson Photo R3000
Only **£549**

+ **FREE** 3 Year Warranty
+ **FREE** Paper worth £67+



**SAVE
£16**

Sky-Watcher
Skyhawk 114
Telescope. Only **£99**

Save £16 was £115



**SAVE
£10**

Nikon 9x25 Travelite
V CF Binoculars
Only **£59**

Save £10 was £69

All prices incl. VAT at 20%. Prices correct at time of going to press. FREE Delivery** available on orders over £150 (based on a 4 day delivery service). For Next Working Day Delivery our charges are: £4.99** for orders over £100. £3.99** for orders under £100. Saturday deliveries are charged at a flat rate of £7.50**. (**Deliveries to some European countries, N.Ireland, remote areas of Scotland & Ch. Isles are subject to extra charges.) E & O.E. Prices subject to change. Goods subject to availability. ©Warehouse Express 2011. *Cashbacks are redeemed via product registration with the manufacturer. Canon 600D Cashback ends 25.01.12. See website for details.



We are a small, family owned and run company, specialising in photographic consumables - and proud winners of the 2011 Good Service Award. We are located in Leamington Spa, in the heart of Warwickshire - if you are passing, please pop into our shop, and meet Cooper - our new office dog!

01926 339977 www.premier-ink.co.uk



PRINTER INK CARTRIDGES



EPSON

COMPATIBLE & ORIGINAL INK



At Premier Ink Supplies, we stock two types of cartridges for Epson printers - **Originals**, which are made by Epson, and **Compatibles**, which are made by a UK company called Jet Tec. Using Jet Tec Compatibles is a way of saving money, without compromising on the quality of your prints. Here're the results from two independent ink tests that agree...

"Jet Tec's colours were superb, with single greys and blacks very close to Epson ...so Jet Tec wins!"
- Total Digital Photography Magazine

"What we're looking at here is not only the best choice of ink for the R300 printer, but also the best ink in this group test, period. There's just no getting away from the superb combination of performance and pricing!"
- Computer Upgrade Magazine



Cartridge Code:	Originals:	Jet Tec Compatibles:	Suitable EPSON Printers:
T007 Black	£22.99 16ml	£3.99 20ml, 3 for £10.99	Photo 700, 870, 890, 895, 900, 915, 1290
T008 Colour	£18.99 46ml	£4.99 50ml, 3 for £13.99	Photo 700, 870, 890, 895, 915
T009 Colour	£26.99 69ml	£4.99 70ml, 3 for £13.99	Photo 900, 1270, 1290
T026 Black	£19.99 16ml	£3.99 20ml, 3 for £10.99	Photo 810, 830, 830u, 925, 935
T027 Colour	£22.99 46ml	£4.99 50ml, 3 for £13.99	
T036 Black	£9.99 10ml	£3.99 13ml, 3 for £10.99	C42, C44, C46
T037 Colour	£11.99 25ml	£4.99 31ml, 3 for £13.99	C62, CX3200
T040 Black	£39.99 17ml	£3.99 20ml, 3 for £10.99	440, 460, 660, Photo 700, 750, 1200
T041 Colour	£29.99 37ml	£4.99 46ml, 3 for £13.99	740, 760, 800, 850, 860, 1160
T050 Black	£29.99 15ml	£2.99 16ml, 3 for £7.99	440, 640, 660, 740, 760, 1160
T051 Black	£29.99 24ml	£2.99 26ml, 3 for £7.99	Photo 700, 750
T052 Colour	£29.99 35ml	£3.99 39ml, 3 for £10.99	Photo 2100
T053 Colour	£29.99 43ml	£3.99 48ml, 3 for £10.99	
T0341-T0347 Set of 7	£119.99 set of 7	Check Website.	C64, C66, C84, C86,
T0341/8, each	£14.99 17ml	Check Website.	CX3600/3650, CX6400, CX6600
T0342/3/4, each	£17.99 17ml	Check Website.	R200, R220, R300, R320, R340
T0345/6/7, each	£17.99 17ml	Check Website.	RX500, RX600, RX620, RX640
T0441-T0454 Set of 4	£42.99 set of 4	£14.99, 3 sets for £42.99	Photo R800, R1800
T0441 Black	£17.99 13ml	£4.99 21ml, 3 for £13.99	
T0452/3/4, each	£9.99 8ml	£3.99 21ml, 3 for £10.99	
T0481-T0486 Set of 6	£64.99 set of 6	£19.99, 3 sets for £56.99	
T0481/2/3, each	£14.99 13ml	£3.99 21ml, 3 for £10.99	
T0484/5/6, each	£14.99 13ml	£3.99 21ml, 3 for £10.99	
T0540-T0549 Set of 8	£109.99 set of 8	£35.99, 3 sets for £99.99	
T0540 Gloss	£8.99 13ml	£3.99 21ml, 3 for £13.99	
T0541/2/3/4, each	£14.99 13ml	£4.99 21ml, 3 for £13.99	
T0547/8/9, each	£14.99 13ml	£4.99 21ml, 3 for £13.99	
T0551-T0554 Set of 4	£32.99 set of 4	£14.99, 3 sets for £42.99	
T0551 Black	£8.99 8ml	£4.99 21ml, 3 for £10.99	
T0552/3/4, each	£8.99 8ml	£3.99 21ml, 3 for £10.99	
T0591-T0599 Set of 8	£99.99 set of 8	Check Website.	
T0591/2/3, each	£12.99 13ml	Check Website.	
T0594/5/6, each	£12.99 13ml	Check Website.	
T0597/8/9, each	£12.99 13ml	Check Website.	
T0611-T0614 Set of 4	£32.99 set of 4	£14.99, 3 sets for £42.99	
T0611 Black	£8.99 8ml	£4.99 21ml, 3 for £13.99	
T0612/3/4, each	£8.99 8ml	£3.99 21ml, 3 for £10.99	
T0711-T0714 Set of 4	£32.99 set of 4	£14.99, 3 sets for £42.99	
T0711 Black	£8.99 7.4ml	£4.99 13ml, 3 for £13.99	
T0712/3/4, each	£8.99 5.5ml	£3.99 13ml, 3 for £10.99	
T0791-T0796 Set of 6	£69.99 set of 6	Check Website.	
T0791/2/3, each	£11.99 10ml	Check Website.	
T0794/5/6, each	£11.99 10ml	Check Website.	
T0801-T0806 Set of 6	£49.99 set of 6	£19.99, 3 sets for £57.99	
T0801/2/3, each	£8.99 7.4ml	£3.99 13ml, 3 for £10.99	
T0804/5/6, each	£8.99 7.4ml	£3.99 13ml, 3 for £10.99	
T0870-T0879 Set of 8	£76.99 set of 8	Check Website.	
T0870 Gloss	£7.99 11.4ml	Check Website.	
T0871/2/3/4, each	£9.99 11.4ml	Check Website.	
T0877/8/9, each	£9.99 11.4ml	Check Website.	
T0961-T0969 Set of 8	£78.99 set of 8	Check Website.	
T0961/2/3/4/5, each	£9.99 11.4ml	Check Website.	
T0966/7/8/9, each	£9.99 11.4ml	Check Website.	
T1281-T1284 Set of 4	£26.99 set of 4	£14.99 set of 4	
T1281 Black	£7.99 5.9ml	£4.99 13ml	
T1282/3/4, each	£6.99 3.5ml	£3.99 10ml	
T1291-T1294 Set of 4	£37.99 set of 4	£16.99 set of 4	
T1291 Black	£10.99 11.2ml	£5.49 10ml	
T1292/3/4, each	£9.99 7ml	£4.49 13ml	
T1571-9, each NEW	£20.99 25.9ml each or £164.99 set of 8		
T1591-9, each NEW	£14.99 17ml each or £109.99 set of 8		
T5591-6, each	£12.99 13ml each or £64.99 set of 6		

Please call or check our website if you cannot find cartridges for your printer.

WIDE FORMAT INK



EPSON Stylus Pro 3800, 3880	
T5801/5802/5803/5804/5805/5806/5807/5808/5809/580A/B 80ml each	£44.99
EPSON Stylus Pro 4000, 4400, 7600, 9600	
T5431/5432/5433/5434/5435/5436/5437/5438 110ml each	£44.99
T5441/5442/5443/5444/5445/5446/5447/5448 220ml each	£69.99
EPSON Stylus Pro 4400, 4880:	
T6051/6052/6053/6054/6055/6056/605C/6057/6138/6059 110ml	£44.99
T6061/6062/6063/6064/6065/6066/606C/6067/6148/6069 220ml	£69.99
EPSON Stylus Pro 7800, 7880, 9800:	
T6021/6022/6023/6024/6025/6026/602C/6027/6118/6029 110ml	£44.99
T6031/6032/6033/6034/6035/6036/603C/6037/6128/6039 220ml	£69.99

Please call or check our website for further details



Canon Compatibles

BC13e Black 26ml	£2.99
BC16 B/C/M/Y 15ml	£2.99
BC16 B/C/M/Y 15ml	£2.99
PG15 Black 29ml	£4.99
CL16 B/C/M/Y/PC/PM 15ml	£3.99
PG1520 Black 19ml	£3.99
CL1521 B/C/M/Y/GY 9ml	£3.99
PG1525 Black 19ml	£4.99
CL1526 B/C/M/Y/GY 9ml	£3.99
BC124 Black 9ml	£2.99
PG124 Colour 16ml	£9.99
PG37 Black 12ml	£13.99
PG40 Black 28ml	£12.99
PG510 Black 11.5ml	£13.99
PG512 Black 18ml	£14.99
CL38 Colour 12ml	£12.99
CL41 Colour 16ml	£16.99
CL51 Colour 24ml	£14.99
CL512 Colour 11.5ml	£15.99
CL513 Colour 15ml	£16.99

Canon Originals

BC13e Black 26ml	£10.99
BC16 B/C/M/Y 13ml	£9.99
BC16 B/C/M/Y 13ml	£9.99
PG15 Black 20ml	£12.99
CL16 B/C/M/Y 13ml	£11.99
CL16 B/C/M/Y/PC/PM 13ml	£11.99
PG17 Black 25ml	£11.99
PG19 B/C/M/Y/PC/PM 14ml	£10.99
PG19 B/C/M/Y/PC/PM 14ml	£10.99
PG1520 Black 19ml	£9.99
CL1521 B/C/M/Y/GY 9ml	£8.99
PG1525 Black 19ml	£9.99
CL1526 B/C/M/Y/GY 9ml	£8.99
PG37 Black 12ml	£12.99
PG40 Black 28ml	£15.99
PG510 Black 11.5ml	£22.99
PG512 Black 18ml	£11.99
CL38 Colour 9ml	£15.99
CL41 Colour 12ml	£16.99
CL51 Colour 21ml	£19.99
CL52 Photo 21ml	£19.99
CL511 Colour 9ml	£15.99
CL513 Colour 13ml	£19.99
KP-36IP Ink & Paper	£12.99
KP-108IP Ink & Paper	£29.99

Many more in stock!

Dell Cartridges

Comprehensive range of Original and Compatible Dell cartridges in stock - call or check website for details!



HP Compatibles

No.15 Black 46ml	£4.99
No.21 Black 10ml	£7.99
No.22 Colour 21ml	£11.99
No.45 Black 45ml	£4.99
No.56 Black 24ml	£9.99
No.57 Colour 24ml	£12.99
No.58 Photo 24ml	£12.99
No.78 Colour 36ml	£9.99
No.88XL B/C/M/Y each	£9.99
No.110 Colour 12ml	£10.99
No.300XL Black 18ml	£14.99
No.300XL Colour 18ml	£16.99
No.336 Black 10ml	£7.99
No.337 Black 21ml	£10.99
No.338 Black 21ml	£10.99
No.339 Black 34ml	£12.99
No.342 Colour 12ml	£10.99
No.343 Colour 21ml	£12.99
No.344 Colour 21ml	£14.99
No.348 Photo 21ml	£12.99
No.350XL Black 30ml	£14.99
No.351XL Colour 20ml	£16.99
No.363 Black 20ml	£6.99
No.363 CMY/PC/PM each	£4.99
No.364 Black 10ml	£6.99
No.364 PB/CMY each	£5.99

HP Originals

No.21 Black 5ml	£11.99
No.22 Colour 5ml	£14.99
No.38 All Colours 27ml each	£26.99
No.56 Black 19ml	£16.99
No.58 Photo 17ml	£24.99
No.58 Photo 17ml	£22.99
No.100 Grey 15ml	£22.99
No.100 Colour 5ml	£18.99
No.300 Black 4ml	£10.99
No.301 Black 3ml	£9.99
No.301 Colour 3ml	£11.99
No.337 Black 11ml	£17.99
No.338 Black 11ml	£17.99
No.339 Black 21ml	£24.99
No.343 Colour 7ml	£18.99
No.344 Colour 14ml	£26.99
No.350 Black 4.5ml	£11.99
No.351 Colour 3.5ml	£13.99
No.363 Black 5ml	£13.99
No.363 CMY/PC/PM each	£8.99
No.364 Black 5ml	£8.99
No.364 PB/CMY 3ml each	£7.99
No.901 Black 4ml	£11.99
No.901 Colour 4ml	£16.99
No.920XL Black 49ml	£19.99
No.920XL CMY 6ml each	£8.99
No.940XL CMY 49ml	£23.99
No.940XL CMY 16ml each	£15.99

Many more in stock!



Lexmark Compatibles

No.1 Colour	£10.99
No.2 Black	£11.99
No.3 Black	£14.99
No.16 Black	£10.99
No.17 Black	£9.99
No.26 Colour	£12.99
No.27 Colour	£11.99
No.31 Photo	£11.99
No.32 Black	£9.99
No.33 Colour	£11.99
No.34 Black	£11.99
No.35 Colour	£12.99

Lexmark Originals

No.1 Colour	£16.99
No.14 Black	£16.99
No.15 Colour	£18.99
No.17 Black	£13.99
No.23 Black	£14.99
No.24 Colour	£16.99
No.27 Colour	£14.99
No.28 Colour	£13.99
No.29 Colour	£14.99
No.32 Black	£15.99
No.33 Colour	£17.99
No.36 Black	£16.99
No.37 Colour	£18.99
No.43 Colour	£22.99
No.44 Black	£18.99
No.100 Black	£12.99
No.100 Cyan / Mag / Yellow	£7.99

Many more in stock!

Brother Compatibles

LC900 Black	£3.99
LC900 CMY	£2.99
LC900 Set of 4	£11.99
LC970 / 1000 Black	£3.99
LC970 / 1000 CMY	£2.99
LC970 / 1000 Set of 4	£11.99
LC980 / 1100 Black	£3.99
LC980 / 1100 CMY	£2.99
LC980 / 1100 Set of 4	£11.99
LC985 Black	£3.99
LC985 CMY	£2.99
LC985 Set of 4	£11.99

Brother originals also in stock!

Kodak Original Ink / Paper

ESP Black Series 10 Ink	£6.99
ESP Colour Series 10 Ink	£11.99
ESP Black Series 30 Ink	£6.99
ESP Colour Series 30 Ink	£11.99
ESP Black/Colour Twin Pack	£17.99

Kodak Photo Paper also in stock!

PHOTOGRAPHIC PAPERS

ILFORD

As an Ilford Pro Centre, we stock the complete range of Ilford photographic papers, including A2, 17, 24 and 44 inch rolls. Below is just a selection.

Photo Glossy Paper 200g, A4, 20	£7.99
Smooth Gloss 290g, 6x4, 100 sheets	£17.99
Smooth Gloss 290g, 7x5, 100 sheets	£23.99
Smooth Gloss 290g, A4, 25	£12.99
Smooth Gloss 290g, A4, 100	£35.99
Smooth Gloss 290g, A3, 25 sheets	£27.99
Smooth Gloss 290g, A3+, 25 sheets	£29.99
Smooth Pearl 290g, 6x4, 100 sheets	£17.99
Smooth Pearl 290g, 7x5, 100 sheets	£23.99
Smooth Pearl 290g, A4, 25	£12.99
Smooth Pearl 290g, A4, 100	£35.99
Smooth Pearl 290g, A3, 25 sheets	£27.99
Smooth Pearl 290g, A3+, 25 sheets	£29.99
Smooth Fine Art 190g, A4, 10 sheets	£12.99
Smooth H/weight Matt 200g, A4, 50 sheets	£12.99
Smooth Lustre Duo 280g, A4, 25 sheets	£14.99
Gold Fibre Silk 310g, A4, 50 sheets	£44.99

ICC profiles available for all Ilford papers

PermaJet

As a PermaJet Premier Stockist, we supply the ENTIRE PermaJet range, including Barista, Smooth and Textured Fine Art and Canvas. Below is just a selection.

Sample Pack 25 sheets, 5 different papers!	£11.99
NEW Ultra Pearl 295g, A4, 25	£12.99
Digital Gloss or Oyster 271g, 6x4, 50	£7.99
Digital Gloss or Oyster 271g, 7x5, 50	£10.99
Digital Gloss or Oyster 271g, A4, 50	£19.99
Digital Gloss or Oyster 271g, A3, 25	£21.99
Digital Gloss or Oyster 271g, A3+, 25	£29.99
Double Sided Oyster 285g, A4, 25	£26.99
Double Sided Matt 250g, A4, 100	£26.99
Matt Proofing 160g, A4, 150	£19.99

Lowering the Cost of Photography

Orders are shipped promptly by Royal Mail 1st class post, for which we charge just £1.79 per order. All prices include VAT, and a full VAT receipt is provided with every order. Payment accepted by credit/debit card, cheque or postal order. Orders accepted securely online, www.premier-ink.co.uk, over the telephone, 01926 339977, by post, or by visiting our shop: Premier Ink & Photographic, Longfield Road, Sydenham Ind Estate, Leamington Spa, CV31 1XB.

01926 339977 www.premier-ink.co.uk

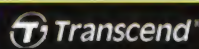


Premier

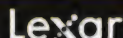
Ink & Photographic

Winners of the Amateur Photographer 2011 GOLD "Good Service Award"

MEMORY



Compact Flash	
2GB 20MB/s	£14.99 £8.99
4GB 20MB/s	£19.99 £10.99
8GB 20MB/s	£24.99 £16.99
16GB 20MB/s	£29.99 £26.99
SD Cards	
2GB	£8.99 £3.99
4GB Class 10	£19.99 £6.99
8GB Class 10	£29.99 £9.99
16GB Class 10	£49.99 £19.99
USB Pen Drives	
2GB Transcend	£8.99 £4.69
4GB Transcend	£14.99 £6.99
8GB Transcend	£19.99 £8.99
16GB Transcend	£24.99 £16.99



Compact Flash	
8GB 60MB/s	£148.46 £38.99
8GB 30MB/s	£177.36 £47.99
16GB 60MB/s	£264.25 £68.99
16GB 30MB/s	£271.30 £94.99
SD Cards	
8GB Class 10	£78.46 £21.99
16GB Class 10	£130.73 £40.99



Sandisk Ultra 30MB/s	
4GB 30MB/s	£21.76 £14.99
8GB 30MB/s	£36.12 £23.99
16GB 30MB/s	£70.06 £46.99
Sandisk Extreme 40&60MB/s	
4GB 40MB/s	£36.34 £21.99
8GB 40MB/s	£67.02 £38.99
16GB 60MB/s	£116.19 £68.99
32GB 60MB/s	£208.89 £134.99

Sandisk Blue C2: 5MB/s	
2GB 5MB/s	£9.27 £4.99
4GB 5MB/s	£12.41 £6.49
8GB 5MB/s	£24.10 £11.99
Sandisk Ultra C4: 15MB/s	
2GB 15MB/s	£9.67 £5.99
4GB 15MB/s	£15.06 £7.99
8GB 15MB/s	£27.65 £14.99
16GB 15MB/s	£57.22 £28.99

Sandisk Extreme C10: 30MB/s	
4GB 30MB/s	£21.35 £11.99
8GB 30MB/s	£37.42 £18.99
16GB 30MB/s	£52.02 £37.99
32GB 30MB/s	£92.02 £74.99
Sandisk Extreme Pro UHS1: 45MB/s	
8GB 45MB/s	£54.54 £27.49
16GB 45MB/s	£103.58 £58.99

xD Picture Cards	
2GB Olympus	£24.99 £14.99

BATTERIES & CHARGERS

Standard Rechargeables	
High-power Ni-MH rechargeable AA and AAA batteries - all sold in packs of 4	
AAA 100mAh Duracell	£6.99
AAA 145mAh Duracell	£6.99
AA 170mAh GP	£9.99
AA 285mAh Amersam	£13.99
AA 280mAh Delkin	£14.99 £9.99

ReCyko+ Rechargeables	
New technology, combining the benefits of Alkaline and Ni-MH rechargeable batteries. They come pre-charged, retain 90% of their charge after 6 months, and last 4 times as long as alkaline batteries!	
AAA 450mAh equivalent (4)	£5.99
AA 2050mAh equivalent (4)	£7.99

Ultimate Lithium	
Energizer Ultimate Lithium: The longest lasting AA and AAA batteries in the world	
AAA Ultimate Lithium (4)	£6.99
AA Ultimate Lithium (4)	£7.99 £5.99

BATTERIES

Camera Batteries
A comprehensive range of rechargeable Li-ion batteries. Manufactured by respected independent battery manufacturers Energizer and Blumac. All batteries come with a 2 year guarantee.

NB-1L for Canon	£9.99
NB-2L/LH for Canon	£9.99
NB-3L for Canon	£9.99
NB-4L for Canon	£9.99
NB-5L for Canon	£9.99
NB-6L for Canon	£9.99
NB-7L for Canon	£12.99
NB-8L for Canon	£9.99
NB-9L for Canon	£9.99
BP-511 for Canon	£12.99
LP-E5 for Canon	£12.99
LP-E6 for Canon	£29.99
LP-E8 for Canon	£15.99
LP-E10 for Canon	£12.99
NP40 for Fuji	£9.99
NP45 for Fuji	£9.99
NP50 for Fuji	£9.99
NP60 for Fuji	£9.99
NP80 for Fuji	£9.99
NP95 for Fuji	£9.99
NP140 for Fuji	£12.99
NP150 for Fuji	£19.99
NP200 for Minolta	£9.99
NP400 for Minolta	£12.99
EN-EL1 for Nikon	£9.99
EN-EL2 for Nikon	£9.99
EN-EL3/3A for Nikon	£9.99
EN-EL3E for Nikon	£15.99
EN-EL5 for Nikon	£9.99
EN-EL9 for Nikon	£12.99
EN-EL10 for Nikon	£9.99
EN-EL11 for Nikon	£9.99
EN-EL12 for Nikon	£9.99
EN-EL19 for Nikon	£12.99
LI10B/12B for Olympus	£9.99
LI40B/42B for Olympus	£9.99
LI50B for Olympus	£9.99
BLM-1 for Olympus	£12.99
BLS-1 for Olympus	£12.99
CGA-S005 for Panasonic	£9.99
CGR-S006 for Panasonic	£9.99
CGA-S007 for Panasonic	£9.99
CGA-S008 for Panasonic	£9.99
BCF10E (V3) for Panasonic	£19.99
BCG10E (V3) for Panasonic	£19.99
BLB13 (V3) for Panasonic	£19.99
BMB9 (V2) for Panasonic	£24.99
VGB130 (V2) for Panasonic	£26.99
D-Li8 for Pentax	£9.99
D-Li50 for Pentax	£12.99
SLM-1137D for Samsung	£9.99
SLM-1674 for Samsung	£12.99
BG-1 for Sony	£19.99
NP-FM500H for Sony	£19.99
NP-FH50 for Sony	£19.99
NP-FW50 for Sony	£24.99

Many more batteries in stock!

Battery Grips

A range of professional battery grips from Hahnel. All can take two Li-ion batteries for double the battery power. AA battery compartment and/or vertical shutter release and/or infrared remote, depending on model.	
For Canon 5DMkII:	£99.99
For Canon 7D:	£99.99
For Canon 30/40/50D:	£99.99
For Canon 60D:	£99.99
For Canon 450D:	£69.99
For Canon 500D:	£69.99
For Canon 550D:	£99.99
For Canon 1000D:	£69.99
For Nikon D40/D60:	£39.99
For Nikon D80/D90:	£99.99
For Nikon D300/D700:	£99.99
For Nikon D7000:	£99.99

For Nikon D7000: £99.99

For Nikon D7000: £99.99

For Nikon D7000: £99.99

For Nikon D7000: £99.99

For Nikon D7000: £99.99

For Nikon D7000: £99.99

For Nikon D7000: £99.99

For Nikon D7000: £99.99

For Nikon D7000: £99.99

For Nikon D7000: £99.99

For Nikon D7000: £99.99

For Nikon D7000: £99.99

For Nikon D7000: £99.99

For Nikon D7000: £99.99

For Nikon D7000: £99.99

For Nikon D7000: £99.99

For Nikon D7000: £99.99

For Nikon D7000: £99.99

For Nikon D7000: £99.99

SQUARE FILTERS

P-Type Filter System

The P-Type square/rectangular filter system consists of three parts:
1) An adapter ring that screws onto the front of your lens.
2) A filter holder clips onto the ring.
3) One or more P-Type (84mm wide) filters.

P-Type Adapter Rings	
49mm Adapter Ring	£4.99
52mm Adapter Ring	£4.99
55mm Adapter Ring	£4.99
58mm Adapter Ring	£4.99
62mm Adapter Ring	£4.99
67mm Adapter Ring	£4.99
72mm Adapter Ring	£4.99
77mm Adapter Ring	£4.99
82mm Adapter Ring	£4.99

P-Type Holders	
Holder Standard	£5.99
Holder Wide Angle	£9.99
Hood Modular	£9.99
Hood Bellows	£34.99
A to P Type Adapter	£9.99

P-Type Bellows Hood	
A new design of Bellows Hood that slots into the front slot of a standard P-Type Holder.	
	£49.99

P-Type Filter Wallet	
A smooth cushioned filter wallet, to protect and store up to 8 P-Type filters.	
	£9.99

We also stock Z-Pro (100mm) and A-Type (67mm) filters, holders and adapter rings

P-Type Neutral Density Filter Kit

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

part exchange cash buy or commission sale

We welcome your unwanted camera equipment for trade-up or straight sale, including digital, 35mm or medium format – even large format.

We can even collect your equipment from you at no extra cost* (*subject to equipment value)

We pay **TOP PRICES** or let us sell you equipment for you for only **20% commission**. Call our helpful experts on **01245 255510** for details.

bagfinder

Our unique easy online camera bag selector

Just enter your system requirements and let **bagfinder** chose your ideal camera bag from our extensive range of major brands

LOWEPRO

FASTPACK 200	£50.00
FASTPACK 250	£55.00
FASTPACK 350	£60.00
FLIPSIDE 300	£60.00
FLIPSIDE 400	£80.00
PRO RUNNER 300AW	£55.00
PRO RUNNER 350AW	£110.00
PRO RUNNER 400AW	£129.00
ROVER AW II	£110.00
COMPUOVER AW	£149.00
VERSAPACK 200AW	£59.00
VERTEX 100AW	£99.00
VERTEX 200AW	£120.00
VERTEX 300AW	£160.00
STEALTH REPORTER D100AW	£65.00
STEALTH REPORTER D200AW	£84.00
STEALTH REPORTER D300AW	£89.00
VANGUARD	
UP-RISE MESSENGER 28	£55.00
UP-RISE MESSENGER 33	£65.00
UP-RISE MESSENGER 38	£75.00
UP-RISE SLING BAG 34	£50.00
UP-RISE BACKPACK 45	£70.00
UP-RISE BACKPACK 46	£85.00
UP-RISE BACKPACK 48	£95.00
TENBA	
SMALL PHOTO/LAPTOP	£88.00
LARGE PHOTO/LAPTOP	£93.00
MEDIUM CAMERA BAG	£120.00
PHOTO/LAPTOP DAYPACK	£130.00
SHOOTOUT: MINI B/PACK	£110.00
SHOOTOUT: ULTRALIGHT B/PACK	£130.00
SHOOTOUT: SMALL B/PACK	£140.00
SHOOTOUT: MEDIUM B/PACK	£170.00
BILLINGHAM	
255 (05 SERIES)	£215.00
355 (05 SERIES)	£230.00
455 (05 SERIES)	£250.00
107 (07 SERIES)	£229.00
207 (07 SERIES)	£249.00
307 (07 SERIES)	£269.00
f/STOP f2.8	£140.00
f/STOP f1.4	£157.00
HADLEY SMALL	£119.00
HADLEY LARGE	£139.00
HADLEY PRO	£153.00
HADLEY PACKINGTON	£215.00
TAMRAC	
EXPEDITION 4X	£59.00
EXPEDITION 5X	£99.00
EXPEDITION 6X	£129.00
EXPEDITION 7X	£129.00
EXPEDITION 8X	£149.00
AERO 70	£39.00
AERO 80	£68.00
AERO SPEEDPACK 75	FROM £49.00
AERO SPEEDPACK 85	FROM £59.00
EVOLUTION 6 SLING	£84.00
EVOLUTION 9 SLING	£139.00
ULTRA PRO 7	£51.00
DOMKE RUGGED WEAR	
F-10 SHOULDER BAG	£109.00
F-5XZ SHOULDER BAG	£115.00
F-6 LITTLE BIT SMALLER	£119.00
F-832 PHOTO MESSENGER	£159.00
F-803 CAMERA SATCHEL	£159.00
F-2 SHOOTERS BAG	£169.00
F-4AF PRO SYSTEM BAG	£186.00

LOWEPRO PHOTOSPORT 100AW



NEW!
rrp £139.99
SAVE £46
£94.00

VANGUARD UP-RISE 45 BACKPACK



£70.00

CRUMPLER CUPCAKE 5500



rrp £69.99
SAVE £20
£49.00

TAMRAC EVOLUTION 8 SLING BACKPACK



rrp £158.30
SAVE £59
£99.00

BILLINGHAM 225 FIBERNYTE



was £215.00
SAVE £16
£199.00

cameraWORLD

PANASONIC LUMIX G3

with 14-42mm

f/3.5-5.6 ASPH.

rrp £629.99 **SAVE £230**

£399.00

trade up example

£250.00*

*PLUS YOUR PANASONIC LXS (INCLUDES THE £40 CASHBACK)



*Includes £40 cashback! You pay £439.00 Offer ends 24/12/11

CASH BACK



OLYMPUS EP-L1 & 14-42mm
f/3.5-5.6 M.ZUMKO
rrp £599.99 **SAVE £350** **£249.00**

trade up example

£149.00*

*+ YOUR NIKON D50 & 18-55mm



OLYMPUS E-PL3 & 14-42mm
f/3.5-5.6 M.ZUMKO MM
rrp £529.00 **SAVE £85** **£444.00**

trade up example

£94.00*

*PLUS YOUR NIKON D90 & 18-105mm (INCLUDES THE £50 CASHBACK)



NIKON D5100 & 18-55mm
f/3.5-5.6 AF-S VR DX
rrp £779.00 **SAVE £100** **£679.00**

trade up example

£529.00*

*+ YOUR D3000 & 18-55mm



CANON IXUS 220HS
rrp £199.99
SAVE £70
£129.00

ACCESSORY KIT

CANON DCC510 CASE
ANSIMANN BATTERY
SANDISK 4GB CARD
£37 | rrp £59 | **SAVE £22**

*Includes £20 cashback! You pay £149.99 See web for details



NIKON 1 V1 & 10-30mm VR
rrp £829.99
SAVE £100
£729.00

FUJIFILM FINEPIX S3200

rrp £249.00
SAVE £121
£129.00

*Price includes £30 cashback! See web for details



NIKON 1 J1 & 10-30mm VR
rrp £549.99
SAVE £80
£469.00

OLYMPUS PEN E-P3

& 14-42mm
rrp £795.00
SAVE £50
£745.00

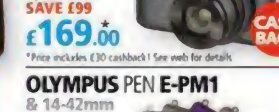


CANON A3200IS
rrp £139.99
SAVE £11
£89.00

CASE & CARD KIT

CANON DCC510 CASE & FUJI 4GB CARD
£21 | rrp £41 | **SAVE £20**

*Price includes £30 cashback! See web for details

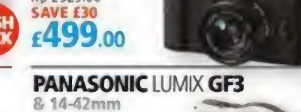


CANON SX220 HS
rrp £269.99
SAVE £99
£169.00

OLYMPUS PEN E-PM1

& 14-42mm
rrp £429.00
SAVE £80
£349.00

*Price includes £50 cashback!

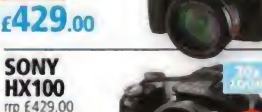


FUJIFILM FINEPIX X10
rrp £529.00
SAVE £30
£499.00

PANASONIC LUMIX GF3

& 14-42mm
rrp £429.00
SAVE £100
£329.00

*Price includes £40 cashback! See web for details



CANON POWERSHOT SX40 IS
rrp £459.00
SAVE £30
£429.00

SONY HX100

rrp £429.00
SAVE £110
£319.00

*Price includes £40 cashback!



CANON POWERSHOT G12
rrp £538.99
SAVE £140
£399.00

FUJIFILM FINEPIX HS20

rrp £399.00
SAVE £150
£249.00

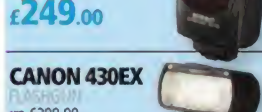


PANASONIC LUMIX TZ18
was £249.99
SAVE £75
£174.00

PANASONIC LUMIX TZ20

rrp £319.99
SAVE £115
£195.00

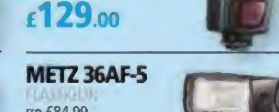
*Price includes £35 cashback! See web for details



NIKON SB-700
FLASHGUN
rrp £295.99
SAVE £47
£249.00

CANON 430EX

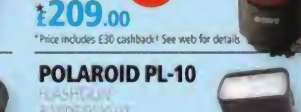
FLASHGUN
rrp £299.99
SAVE £85
£215.00



NISSIN Di622 MKII
FLASHGUN
rrp £149.99
SAVE £20
£129.00

METZ 36AF-5

FLASHGUN
rrp £84.99
SAVE £5
£79.00



SONY HVL-F43AM
FLASHGUN
was £239.99
SAVE £30
£209.00

POLAROID PL-10

FLASHGUN
rrp £159.00
£159.00

Gifts

for photographers

CANON EOS 600D

with 18-55mm IS
f/3.5-5.6G EF-S MKII

rrp £793.99 **SAVE £204**

£589.00

trade up example
£250.00*

*PLUS YOUR EOS 400D & 18-55mm
(INCLUDES THE £50 CASHBACK)

*Includes £50 cashback!
You pay £639.00
Offer ends 15/1/12



CASH BACK

12 MEGA PIXELS



CANON 1100D & 18-55mm
rrp £579.00 **SAVE £184** **£395.00**

trade up example
£295.00*

*+ YOUR CANON 350D & 18-55mm

18 MEGA PIXELS



CANON 60D & 17-85mm
rrp £1449.99 **SAVE £430** **£1029.00**

trade up example
£749.00*

*+ YOUR CANON 40D & 17-85mm

24.3 MEGA PIXELS



FUJIFILM FINEPIX X100
rrp £999.99 **SAVE £170** **£829.00**

trade up example
£429.00*

*+ YOUR NIKON D90 & 18-105mm

SAMSUNG NX11
18-55mm

NEW
£389.00



SAMSUNG NX200
20-50mm

NEW
£649.00



FUJIFILM FINEPIX L55

NEW
£49.00



SAMSUNG ST30

NEW
£59.00



SAMSUNG MV800

rrp £249.99
SAVE £50
£199.00



CASE & CARD KIT
TAMRAC ACE2 CASE &
SAMSUNG 4GB MICRO SD CARD
£25 | rrp £32 | **SAVE £8**

OLYMPUS TOUGH TG-310

rrp £149.99
SAVE £31
£119.00



POLAROID Z340 KIT

KIT INCLUDES 4GB SD CARD
& A 30 PACK OF ZINK PAPER



£249.00

FUJIFILM FINEPIX F600

rrp £299.99
SAVE £80
£219.00



OLYMPUS SZ-30MZ

rrp £279.99
SAVE £42
£238.00



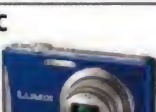
OLYMPUS XZ-1

rrp £399.99
SAVE £125
£275.00



PANASONIC LUMIX FS35

rrp £169.99
SAVE £54
£116.00



PANASONIC LUMIX FS16

rrp £129.99
SAVE £40
£89.00



NIKON AW100

rrp £329.99
SAVE £74
£255.00



NIKON COOLPIX S9100 KIT

rrp £359.97
SAVE £160
£199.00



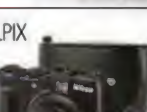
NIKON P7100

rrp £499.99
SAVE £100
£399.00



NIKON COOLPIX P7000 KIT

rrp £561.96
SAVE £233
£329.00



FREE EUROPEAN FLIGHTS WITH SELECT EPSON PRINTERS

Offer ends 15/1/12
See web for full details
& qualifying printers

EPSON PX730WD

rrp £259.99
SAVE £140
£119.00



VISIT US ONLINE AT
cameraworld.co.uk
MAIL ORDER HOTLINE
0844 264 0664
All calls charged at local rate

VISIT OUR STORES

LONDON

14 WELLS ST (Just off Coventry St)
LONDON W1T 3PB
T 0207 636 5005
E sales@cameraworld.co.uk

ESSEX

HIGH CHELMER SHOPPING CTR
CHELMSFORD CM1 1XB
T 01245 255510
E chelmer@cameraworld.co.uk



tripodography

The ART of SLOW photography!

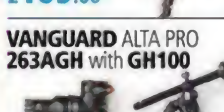
Regarded as the most important camera accessory, a tripod will transform your photography! The latest innovations mean ULTRA LIGHT and ULTRA COMPACT designs that are easy to carry and use. Relax and take your time to capture amazing low light or long exposure images.

3 LEGGED THING X1.1 BRIAN 2ND GENERATION with AIRHED1



NEW!
£309.00

BENRO TRAVEL ANGEL A0685F FLIPLOCK & BH00 BALL HEAD



rrp £130.00
SAVE £21
£109.00

VANGUARD ALTA PRO 263AGH with GH100



rrp £229.99
SAVE £31
£199.00

VELBON ULTRA REXI with QHD-53D



rrp £220.00
SAVE £71
£149.00

3 LEGGED THING

ADRIAN X1.1A + AIRHED1£179.00

JACK X4A + AIRHED1£199.00

BRIAN X1.1 + AIRHED1£309.00

ERIC X41 + AIRHED1£329.00

LEGS

ADRIAN X1.1£119.00

JACK X4A£139.00

BRIAN X1.1£249.00

ERIC X41£269.00

HEADS

AIRHED1 BALL HEAD£99.00

BENRO

TRAVEL ANGEL FLIPLOCKS

A0685F & BH00£109.00

A1685F & BH0£129.00

A2685F & BH1£149.00

FLAT TRAVELLER LEGS

A0180T£79.00

A1180T£95.00

A2180T£129.00

HEADS

BH00£36.00

BH0£43.00

BH1£55.00

JOBY GORILLAPOD

ORIGINAL£21.00

D-SLR£34.00

D-SLR ZOOM + BALL HEAD£88.00

FOCUS GP8 + X BALL HEAD£152.00

SLIK

SPRINT MINI II GM£61.00

SPRINT PRO II GM£71.00

SPRINT PRO II 3-WAY GM£81.00

ABLE 300DX£66.00

PRO 340DX AMT£99.00

PRO 700DX AMT£154.00

HEADS

AF1100 DIGITAL BALL HEAD£71.00

VANGUARD

NIVEL0 204BX£59.00

ALTA+ 235AP + PH-22£120.00

ALTA+ 263AP + PH-32£125.00

ALTA+ 264AP + PH-32£140.00

ALTA PRO 263AB + SBH-100£167.00

ALTA PRO 263AGH + GH-100£199.00

ALTA+ 225CT + SBH-50£259.00

ALTA+ 225CP + PH-22£199.00

HEADS

GH100 BALL & PAN£88.00

SBH-100£70.00

SBH-250£85.00

SBH-300£95.00

PH-31£70.00

VELBON

CX440£26.00

CX540£34.00

CX640£39.00

SHERPA 250R + PH157Q£62.00

SHERPA 555R + QHD530£99.00

ULTRA LUXI L + PHD-41Q£79.00

ULTRA REXI L + QHD61Q£169.00

ULTRA MAXI MINI£65.00

NEW ULTREX 43L£149.00

LEG AND HEAD KITS

EL 530 + PH250£149.00

GEO 430 + HEADFROM £187.00

GEO 440 + HEADFROM £199.00

GEO 440L + HEADFROM £217.00

E & O.E. Goods and delivery services subject to stock availability. Prices subject to change. Pictures are for illustration purposes only.



FOLLOW US

facebook.com/cameraworld
youtube.com/user/cameraworldUK
twitter.com/cameraworldUK

Mifsuds
.COM
FAMILY RUN SINCE 1954



Mail Order :
01803 852400

Email - info@mifsuds.com

www.mifsuds.com

27-29, Bolton Street, Brixham, Devon. TQ5 9BZ.

PHONE LINES OPEN

MON - FRI 8am - 7pm.

SAT 9am - 5pm.

SUN 10am - 1pm.

SHOP OPEN

MON - SAT 9am - 5pm.

SUN 10am - 1pm.

U.K. Stock ONLY **Canon** MIFSUDS ARE CANON PROFESSIONAL STOCKISTS

EOS DSLRS + KITS

1D X body - pre-order now	£5299
1D MK IV body	£3499
5D MKII body	£1639
5D MKII + 24-70	£2569
5D MKII + 24-105 IS	£2339
7D body	£1189
7D + 15-85 IS	£1697
60D body	£777
60D + 18-55 IS	£876
60D + 18-135 IS	£1047
600D body	£549
600D + 18-55 IS	£637
600D + 18-135 IS	£797
550D body	£499
550D + 18-55 IS	£579
1100D body	£339
1100D + 18-55 IS	£399
COMPACT	
G12	£409

EF-S NON FULL FRAME LENSES

10-22 F3.5/4.5 USM	£837
15-85 F3.5/5.6 IS U no box	£547
17-55 F2.8 IS U	£798
17-85 F4/5.6 IS USM unboxed	£379
18-55 F4/5.6 IS USM unboxed	£399
18-135 F3.5/5.6 IS U no box	£319
18-200 F3.5/5.6	£419
55-250 F4/5.6 IS II	£249
60 F2.8 Macro USM	£345
EF LENSES	
8-15 F4 L U Fisheye	£1147
16-35 F2.8 MKII L USM	£1129
17 F4 TSE L	£1999
17-40 F4 USM L	£629
20 F2.8 USM	£414
24 F1.4 L II USM	£1299
24 F2.8	£379
24 F3.5 L TSE MKII 1 only	£1699
24-70 F2.8 L USM	£989
24-105 F4 L IS USM unboxed	£899
28 F1.8 USM	£399
28 F2.8	£175
35 F1.4 U	£1189
35 F2	£229

50 F1.2 L USM	£1249
50 F1.4 U	£309
50 F1.8 II	£95
50 F2.5 Macro	£249
70-200 F2.8 IS U LII	£1775
70-200 F2.8 non IS L USM	£989
70-200 F4 L IS USM	£969
70-200 F4 L USM	£537
70-300 F4/5.6 L IS U	£1097
70-300 F4.5/5.6 IS USM	£419
85 F1.2 L II	£1779
85 F1.8 USM	£309
100 F2.8 IS L U macro	£689
100 F2.8 Macro USM	£439
100-400 F4.5/5.6 L USM	£1297
135 F2 L USM	£869
180 F3.5 L USM Macro	£1297
200 F2.8 II L USM	£649
300 F2.8 LII IS USM	£5549
300 F4 L IS USM	£1137
400 F2.8 IS L II USM	£8880
400 F5.6 L USM	£1099
500 F4 IS LII USM	£8499

600 F4 IS LII USM	£10999
Ext tube 12II. £79 Ext tube 25II	£129
1.4x III converter	£415
2x III converter	£415
FLASH & ACCESSORIES	
Angle finder C	£189
BG-E5 grip last few	£87
BG-E6 grip (5D MKII)	£187
BG-E7 grip (7D)	£129
BG-E8 grip (550D)	£115
BG-E9 grip (60D)	£139
LP-E4	£79
LP-E6	£49
MR 14EX Ringlight	£469
MT-24EX	£789
270 EX II	£159
320EX	£229
430 EX II	£219
580 EX II	£397
CP-E4 compact battery pack	£149
Off camera shoe cord OC-E3	£44
LC5 wireless set	£369
STE2 Transmitter	£179
ET1000N3	£69
RS-80N3	£35
TC-80N3	£119
Circular Polariser	£189

16-35mm f2.8 LII USM
£1129

17-55mm f2.8 IS USM EFS
£798

24mm f1.4 LII USM
£1299

70-200mm f2.8 LII IS USM
£1775

70-300mm f4.5/5.6 L IS U
£1097

100mm f2.8 IS L USM macro
£689

300 f2.8 LII IS USM
£5549

1.4x or 2x III converter each
£415

430EXII Flash
£219

U.K. Stock ONLY **Nikon** MIFSUDS ARE NIKON PROFESSIONAL DEALERS

DIGITAL SLR + KITS

D3X body	£5049
D3S body	£3529
D700 body	£1769
D7000 body	£899
D7000 + 18-105 VR	£1097
D90 body	£589
D90 + 18-105 VR	£739
D5100 body	£549
D5100 + 18-55 VR	£647
D3100 body	£379
D3100 + 18-55 VR	£449
NEW Nikon 1 V1 + 10-30	£829
NEW Nikon 1 V1 + 10	£879
NEW Nikon 1 J1 + 10-30	£549
NEW Nikon 1 J1 + 10	£599
P7100 Compact	£429

DIGITAL ONLY LENSES

10.5 F2.8 DX	£519
10-24 F3.5/4.5 G AFS DX	£699
12-24 F4 DX 1 only	£769
16-85 F3.5/5.6 AFS VR DX	£499
17-55 F2.8 DX 1 only	£949
18-105 F3.5/5.6G ED VR no box	£199
18-200 F3.5/5.6 VR DX II	£639
35 F1.8 G DX	£199
40 F2.8 AFS G DX	£239
55-300 F4.5/5.6 G VR DX	£299
85 F3.5 G VR DX	£399
LENSES	
14 F2.8 AFD 1 only	£1149
14-24 F2.8 G ED AFS	£1299
16 F2.8 AFD Fisheye	£649
16-35 F4 AFS VR	£869
18-35 F3.5/4.5 AFD 1 only	£399
20 F2.8 AFD	£499
24 F1.4 AFS G	£1599
24 F2.8 AFD	£357
24-70 F2.8 G ED AFS	£1215

24-85 F2.8/4 1 only	£399
24-120 F4 G ED VR	£859
28 F2.8 AFD	£249
28-300 F3.5/5.6 G ED VR	£737
35 F1.4 G	£1199
35 F2 AFD	£279
50 F1.4 AFS G	£339
50 F1.8 G	£179
50 F1.8 AFD	£129
60 F2.8 AFS	£429
70-200 F2.8 VR II	£1599
70-300 F4.5/5.6 VR	£439
80-400 F4.5/5.6 VR AFD	£1249
85 F1.4 AFS G	£1229
85 F1.8 AFD	£329
105 F2.8 VR macro	£627
200 F2 G VR II 1 only	£4099
200-400 F4 VR	£4299
300 F2.8 AFS G VR II	£3947
300 F4 AFS	£966
400 F2.8 AFS VR 1 only	£6443
500 F4 AFS VR	£5897

600 F4 AFS VR 1 only	£6777
TC14EII converter	£299
TC17EII converter	£299
TC20EIII	£397
FLASH & ACCESSORIES	
GP-1 1 only	£199
MBD11 Grip (D7000)	£229
MBD10 Grip (D300/D700)	£227
DR-5/DR-6 angle finder each	£229
SBR200 wireless rem S/Lite	£199
SBRI ringflash	£399
SBRI1C1 ringflash/command	£629
SB-700	£239
SB-900	£299
SC-28	£59
SC-29	£69
SU-800 flash slave no box	£249
MC36	£129
MC30	£77
EN-EL3E	£67
ENEL4A	£97
MH-21 charger D3/D2 series	£99
ME-1 Stereo Microphone	£119
NX Capture 2	£149

12-24mm f4 DX
£769

14mm f2.8 AFD
£1149

17-35mm f2.8 AFS
£1379

85mm f1.4 AFS G
£1229

200mm f2 VR II
£4099

300mm f2.8 AFS G VR II
£3947

400mm f2.8 AFS VR
£6443

600mm f4 AFS VR
£6777

WT-4 for D3/D300
£449

WANTED We want your good quality cameras and lenses
WE BUY FOR CASH
PART EXCHANGE OR COMMISSION SALE
Collection can be arranged.

contact us at info@mifsuds.com or ring **01803 852400**

U.K. Stock ONLY **SIGMA** MIFSUDS ARE SIGMA PRO LENS STOCKISTS
3 YEAR WARRANTY ALL LENSES

PENTAX PKAF SPECIALS

12-24 F4.5/5.6 EX DG	£549
24-70 F2.8 EX DG	£299
8-16 F4.5/5.6 DC	£399
150-500 F5/6.3 DG OS	£579

SONY SPECIAL

24-70mm f2.8 EX DG Sony only	£299
------------------------------	------

70-200mm f2.8 EX DG II CAF only
£599

120-300mm F2.8 EX DG CAF only
£1499

10-20 F3.5 EX DC HSM	£499	24-70 F2.8 EX DG Sony only	£319
10-20 F4/5.6 EX DC	£429	30 F1.4 EX DC HSM	£379
12-24 F4.5/5.6 EX DG macro MKII	£679	50 F1.4 EX DG	£379
12-24 F4.5/5.6 EX DG NAF	£579	50 F2.8 EX DG	£269
17-50 F2.8 EX DC OS HSM	£569	50-500 F4/5.6 OS HSM	£1269
17-70 F2.8/4.5 DC OS	£344	70 F2.8 EX DG macro	£369
18-200 F3.5/6.3 DC OS CAF/NAF	£249	70-200 F2.8 EX DG OS	£999
18-250 F3.5/6.3 DC OS	£399	70-300 F4/5.6 DG OS	£299
24-70 F2.8 EX IF DG HSM	£639	70-300 4.5/5.6 APO DG mac	£189

85 F1.4 EX DG HSM	£759
120-300 F2.8 EX DG OS CAF/NAF	£2099
120-400 F4.5/5.6 APO OS	£759
150 F2.8 EX DG OS	£847
150-500 F5/6.3 DG OS	£849
300 F2.8 EX DG	£2277
500 F4.5 EX DG	£3799
1.4x EX DG converter	£199
2x EX DG CAF/NAF	£239
EM140DG macro ringflash	£349

Panasonic
Micro 4/3rds system

G3 + 14-42mm	£489
G3 body	£469
GF3 + 14-42mm X	£599

7-14mm F4	£997
8mm F3.5	£569
14mm F2.5	£269
14-42mm F3.5/5.6	£350
Power OIS X	£239
14-45mm F3.5/5.6 OIS	£239
14-140mm F4/5.8 OIS	£649
20mm F1.7	£279
25mm F1.4 DG	£449
45mm F2.8 OIS	£569
45-175mm F4/5.6	£380
Power OIS X	£380

NEW GX1

GX1 body	£552
GX1 + 14-42mm	£722

GH-2 body	£645
GH-2 + 14-42mm	£719
GH-2 + 14-140mm	£1089

Cashback available
selected kits & lenses
please ask

Family Run Pro Dealership with Friendly, Knowledgeable Staff. Open 7 days per week. Prices inc VAT. P&P Extra. E&OE.
We are happy to reserve new & used stock for customers planning to visit. Prices are based on current stock at time of compilation November 25th 2011.
Prices are subject to change without notice so please check availability to avoid disappointment. We keep the website updated daily - latest prices available on-line.



Mail Order :
Please follow us on
facebook
852400



Mifsuds
.COM
FAMILY RUN SINCE 1954

QUALITY USED EQUIPMENT. See website for full list. Call us for condition and to buy secondhand stock. **3 Month warranty on most secondhand.**

NEW!
Canon EOS 1D X
£5299



Pre-order NOW!
TAMRON
NEW STOCK



£50
Cashback
this lens

18-270 f3.5/6.3
Dill VC PZD
£479

18-270 f3.5/6.3 Dill
VC NAF only
£329

90 f2.8 Di
1:1 macro
CAF +
MAF/Sony
£329

Cashback direct from Tamron via claim form

KENKO NEW STOCK

Converters & Extension Tubes

Pro 300 1.4x DG Converter.....**£169**

Pro 300 2x DG Conv.....**£199**

Ext Tube Set DG CAF/NAF.....**£149**

Manfrotto

Photo Tripod Kits

055XDB + MN804RC2 Head.....**£129**

190XDB + MN391RC2 Head.....**£99**

190XDB + MN496RC2 Head.....**£99**

190XPROB + MN804RC2 Head.....**£129**

More on our website

HOYA Filters

UV	Pro1 D	Circ	Pro1 D	Pro1 D	Pro1
Sky	UV	Pola	Circ Pol	Protector	Sky
49mm	£14	£36	£68	£10	£10
52mm	£16	£34	£67	£10	£10
55mm	£17	£36	£67	£10	£10
58mm	£19	£38	£67	£10	£10
62mm	£24	£44	£62	£38	£10
67mm	£30	£49	£67	£94	£18
72mm	£37	£55	£69	£114	£25
77mm	£47	£69	£79	£132	£27
82mm	£66	£69	£110	£149	£29
86mm	£85	£149	£160	£160	£29
95mm	£85	£149	£160	£160	£29

HOYA 95mm Linear Polariser **£99**

See website for



Mail order used items sold on 10 day approval. Return in 'as received' condition for refund if not satisfied (postage not included - mail order only).

Subscribe to our email newsletter - be amongst the first to learn about special offers and promotions - ask us for details.

Prices correct when compiled November 25th 2011. E&OE.

ALL USED DIGITAL

CANON USED

10 MKIV body M-box £3099

10 MKIII body £1699

10S MKIII body £2999

10S MKIII body £1499

50 MKII body £1349

50 MKI body £899

50D body box £549

40D body £399

30D body box £249

20D body £199

450D body £299

350D body £179

BG-E1 £49 BG-E2 £59

BG-E3 £69 BG-ED3 box £49

BG-E4 £39 BG-E7 £119

BG-E9 £109

G11 compact box £299

G9 compact box £199

SX30IS compact £249

LEICA USED

V-Lux 2 M-box £449

V-Lux 20 box £369

D-Lux 4 £379

MINOLTA/SONY USED

Sony A330 body £279

Sony A330 body box £279

Sony A100 body box £199

NIKON USED

D3S body M-box £3099

D2X body M-box £899

D2X body box £799

D700 body box £1549

D300 body £639

D200 body box £399

D90 body M-box £469

D90 body £439

D80 body £299

D70 body £199

D40 body £199

MBD-200 £89

MBD-100 £39

MBD-80 £89

MBD-11 mini box £199

MBD-10 £179

MH-22 £89

EH-5 AC adapter £69

EH-6 AC adapter £69

P7000 compact £249

OLYMPUS USED

E-10 body box £199

E-1 HDL2 £199

E-410 body £179

9-18 F4.5/6.3 M-box £339

11-22 F2.8/3.5 £579

12-60 F4.5/5.6 SWP M-box £579

14-54 F3.5/5.6 £169

14-54 F2.8/3.5 £349

25 F2.8 £159

40-150 F4.5/6.3 £399

70-300 F4.5/6.3 £249

D2x opt flash M-box £269

PENAX USED

K20D body £399

K100D Super body £199

Samsung GX1 body £179

DBG1 £49

DBG2 box £79

DBG3 £39

DBG4 mini £169

BRONICA ETRS 645 USED

ETRS + WLF + 75 F2.8 E

+ 120 back box £299

40 F4 E £149

50 F2.8 £39

50 F2.8 PE £199

75 F2.8 E II £129

100-220 F4.5 M-box £499

100 F4.5 PE macro £399

30 F4 PE £299

150 F3.5 PE M-box £179

200 F4.5 PE M-box £249

200 F4.5 PE £179

200 F4.5 E £69

2x ext flash E £49

E14 ext tube £119

135W back box £219

All 120 RPH £49

Polaroid Back £39

Rotary prism £199

AELI Prism £199

AELI Prism £39

WLF Boxed £49

Plain Prism E £49

M bracket £69

Speed Grip E £69

Metz SCA 366 £49

BRONICA GS 6x7 USED

SQA + 80 + WLF

+ 120 back £499

SQA body £299

SQA + 80 + WLF

+ 120 back £349

135W back M-box £229

120 SQA Back £79

120 SQA Back £49

WLF £69

50 F3.5 PS M-box £299

50 F3.5 PS £249

65 F4 PS Boxed £199

110 F4 PS macro £279

135 F4 PS M-box £279

150 F4.5 S £39

150 F4.5 S £149

150 F4.5 PS M-box £199

180 F4.5 PS £399

200 F4.5 PS M-box £199

200 F4.5 S £149

Auto bellows S box £199

Polaroid back £39

Plain Prism S Boxed £99

SQA prism late £299

AE Prism Early £149

CDS Chimney £99

ME Prism Finder £129

Metz SCA 366 £49

Lens Hood 65-80 £20

Pro shade S box £49

Motowinder £199

BRONICA GS 6x7 USED

150 F4 PG M-box £169

G18 Ext Tube box £79

Pro shade inc 82mm £49

Polaroid Back £39

Speed Grip £89

AE Prism Finder G £129

AE Rotary Prism £199

CANON AF USED

EOS 1N HS body £199

EOS 1 HS body £129

EOS 5 body £79

EOS 50E 35mm body £39

EOS 100000 body £39

EOS 500/5000 body ea £39

17-40 F4 L £519

17-85 F4.5/5.6 EFS £249

18-55 F3.5/5.6 EFS £99

18-200 F3.5/5.6 EFS £369

20-35 F3.5/4.5 USM £199

24 F2.8 £239

24-85 F3.5/4.5 U £179

24-105 F4 L £149

28 F2.8 M-box £149

28-90 F4.5/5.6 U £89

28-135 F4.5/5.6 £239

28-200 F3.5/5.6 USM £249

28-300 F3.5/5.6 L £149

35-70 F3.5/4.5 U £69

35-135 F4.5/5.6 USM £129

38-76 £49

50 F1.4 USM £259

50 F1.8 MKII £69

55-250 F4.5/5.6 IS EFS £139

70-200 F2.8 L II £1349

70-300 F2.8 L M-box £349

70-200 F4 L M-box £449

70-300 F4.5/5.6 DO IS M £749

70-300 F4.5/5.6 IS £329

75-300 F4.5/5.6 IS £249

80-200 F2.8 L M-box £349

85 F1.2 L M-box £139

90-300 F4.5/5.6 £79

100 F2.8 L M macro £629

100 F2.8 M-box £329

100-300 F4.5/5.6 U £69

100-400 F4.5/5.6 L U box £939

200 F2.8 U £549

200 F2.8 IS L £439

300 F4 IS U L M-box £999

300 F4 IS U L M-box £999

600 F4 IS £999

CF L ext 85 MKII £269

2x extender MKII £189

NCE2 charger £149

Angler finder C £139

BP-2000 grip £229

BP-50 £39

BP-E1 £69

BP-E2 £69

SIGMA CAP USED

8 F3.5 EX DG M-box £539

100 F4.5/5.6 EX DG £339

17-35 F2.8/3.5 EX £179

100-400 F4.5/5.6 L U box £939

18-125 F3.5/5.6 DC OS £249

18-125 F3.5/5.6 DC OS £249

18-200 F3.5/5.6 DC OS £199

24-70 F2.8 EX DG box £349

60 F2.8 EX DG box £179

70-200 F2.8 EX DG £449

105 F2.8 EX DG mac box £329

150 F2.8 EX DG mac M £429

We are commission sales specialists - we part exchange and buy for cash

We are commission sales specialists - we part exchange and buy for cash

Micro 4/3rds Lenses

EOS 1 Body Only.....	E+ / E++	£99 - £
EOS 3 Body Only.....	As Seen / E++	£99 - £
EOS 30 Body Only.....	E+ / E++	£69 - £
EOS 30E Body Only.....	As Seen	
EOS 33 - 28-90mm.....	E+	£89 - £
EOS 33 Body Only.....	E++	
EOS 5 + V610 Grip.....	E+ / E++	£59 - £
EOS 5 Body Only.....	Exc / E++	
EOS 5 QD Body Only.....	E+ / E++	£59 - £
EOS 50 - BPS5 Cam.....	E+	

4/3rds Lenses

EOS 50E + BP50 Grip	E+ / E++
EOS 50E Body Only	E+ / E++ £49-
EOS 300 Body Only	E+ / E++ £20-
EOS 3000 - 38-76mm	E+
EOS 3000 Body Only	E+ / E++ £19-
EOS 3000N Body Only	E++
EOS 3000N Body Only	E++
EOS 300V Body Only	E+ / E++ £35-
14mm F2.8 L USM	E++ £10-
15-85mm F3.5-5.6 IS USM	E+ £9-
16-35mm F2.8 L USM MK II	Mini-

Bronica ETRS/SI

17-40mm F4 L USM.....	E+ / E+
18-55mm F3.5-5.6 IS EFS.....	E+ / E+
20mm F2.8 USM.....	E+ / E+
20-35mm F3.5-4.5 USM.....	Mint- E+
24mm F2.8 EF.....	E+ / E+
24mm F3.5 L TSE.....	E+ / E+ / £799 - £849
24-70mm F2.8 L USM.....	E+ / E+
24-105mm F4 L IS USM.....	E+ / Mint- £659 - £699
28mm F1.8 USM.....	E+ / E+



28-20mm F3.5-5.6 USM	E++	/	Mint	E++
28-300mm F3.5-5.6 L USM	E++	/	Mint	E++
Sigma 28 F2	E++	/		E++
45mm F2.8 TS-E	E++	/		E++
50mm F1.4 USM	E++	/		E++
55-200mm F4-5.6 USM II	E++	/		E++
70-200mm F2.8 L USM	E++	/		E++
70-200mm F4-5.6 USM	E++	/		E++
70-300mm F4-5.6 DG D USM	E++	/		E29
70-300mm F4-5.6 EF	E++	/		E++
70-300mm F4-5.6 IS USM	E++	/		E++
70-300mm F4-5.6 USM III	E++	/		E++
70-400mm F4-5.6 EF	E++	/		E++
85mm F1.8 USM	E++	/		E++
90mm F2.8 TSE Shift	E++	/		E++
100mm F2.8 EF Macro	E++	/		E++
100-300mm F4-5.6 USM	E++	/		E++
100-400mm F4.5-5.6 L USM	E++	/	E++	E29
100-500mm F4.5-5.6 L USM	E++	/		E++
200mm F1.8 USM	Exc	F1		E++
200mm F2.8 L USM	E++	/		E++
200mm F2.8 L USM II	E++	/		E++
200mm F2.8 L USM III	E++	/	Mint	E29
200mm F5.6 L USM	E++	/		E++
400mm F5.6 L USM	E++	/		E29
Sanyo 500mm F6.3 Reflex	E++	/		E++
Cartier 500mm F6.3 Reflex	E++	/		E++
Sigma 18-20mm F4-5.6 DG OS	E++	/	Mint	E++
Sigma 18-20mm F2.8 EX DC	E++	/		E++
Sigma 18-25mm F2.8 EX DC HSM	E++	/		E++
Sigma 28-70mm F1.8 EX DG	Mint			E29
Sigma 28-200mm F2.8 AF	Unusu			E++
Sigma 28-105mm F4-5.6 UC AF	E++	/		E++
Sigma 28-300mm F3.8-5.6 UC	E++	/		E++

Bronica GS1

Sigma 50-500mm F4-6.3 Apo DG HSM	E	E++	E++
Sigma 70-210mm F2.8 Apo	E	E	E++
Sigma 70-210mm F3.5-4.5 Apo	Unused		
Sigma 70-210mm F4-5.6	E		
Sigma 70-210mm F4-5.6 Apo AF	E++		
Sigma 70-210mm F4-5.6 UC AF	E++		
Sigma 70-300mm F4-5.6 Apo DG	E++		
Sigma 70-300mm F4-5.6 Apo Macro	Unknown		
Sigma 180mm F5.6 Apo Macro	Unused		
Sigma 180mm F5.6 Apo Macro	Unused		
Tamron 18-250mm F3.5-6.3 Di II	E++		
Tamron 70-300mm F4-5.6 Di Macro	E++		
Tokina 16-50mm F2.8 ATX Pro OX	Mint-		
Zenitar 25mm F2.8 Distagon ZS	E++		

Polaroid Mag G \$69

Canon Manual	
F1NAE Black Body Only	Exc / E+ £199 - £
F1N Black Body Only	E+ £
F1 Black Body Only	E+ £

Bronica RF645 - Please Phone

A1 Black Body Only	Exc / E	± 59.9
A1 Chrome Body Only		E
A1 Black Body Only		E
A1 Chrome Body Only		E
A1 Auto - 50mm F1.8	E	+/- 59.9
A1 Auto - 50mm F1.8 EX	E	+/- 59.9
FL TQ Chrome - 50mm F1.8	E	-
RP Chrome - 50mm F1.8	E	-
TQ Chrome - 50mm F1.8	E	Mint -
25mm F2.8 FD Fish-eye	E	-
24mm F2.8 Black	E	Mint -
24-35mm F3.5 FD L	E	-
24-35mm F3.5 Bk	E	-
28mm F2.8 Black	E	+/- 59.9
28mm F2.8 Bk	E	+/- 59.9
28-35mm F3.5-4.5 FD	As Seen / E	+/- 59.9
35mm F2.8 F	E	+/- 59.9
35mm F3.5 Bk	E	+/- 59.9
35-70mm F3.5-4.5 FD	E	+/- 59.9
70mm F4 F	E	+/- 59.9
50mm F3.5 FD Macro - Tube	E	+/- 59.9
50mm F3.5 PL Macro - Tube	E	+/- 59.9
70-150mm F4.5 F.D.	E	+/- 59.9
70-210mm F4 F.D.	As Seen / E	+/- 59.9
75-200mm F4 F.D.	Exc / E	+/- 59.9
80-200mm F4 Black	E	+/- 59.9
80-200mm F4 F.D.	E	+/- 59.9

Canon EOS

100mm F2.8 B/Block	E- F2.8
100mm F4 B/Block Macro + Tube	E+ F4
100mm F4 FD Macro	E- F4
100mm F4 FD Macro + Tube	E+ / E++ \$149
100-200mm F5.6 B/Block	E+ / E++ \$35
100-200mm F5.6 FL	E- F5.6
100-200mm F5.6 FL	E++
100-300mm F5.6 B/Block	E+ / E++
135mm F3.5 FD	E- / E++ \$19
300mm F2.8 FD L	E- F2.8
300mm F4 FD	E- F4
300mm F5.6 B/Block	E- F5.6
300mm F5.6 FD	E+ E50
400mm F4.5 B/Block	E- F4.5
U.S. Marine 400mm F4.5 B/Block	E- F4.5
Voodlander 75mm F2.5-5 Color Halter	Unused E

Panasonic G2 Body Only	E+/E++/E2
Panasonic GF-1 Body Only	E++/Mint- £199
Panasonic GF-2 Black Body Only	Mint- £199
Panasonic GH-2 Body Only	Mint- £449
Panasonic GH1 Body Only	Mint- £2
Samsung ES75	Mint- £
Samsung N111 + 18-55mm O/S.	Mint- £
Sony MEX-C35 Body + HVL75 Flash	Mint- £2
Sony NEX3 + 18-55mm + Flash	Mint- £2

Digital SLR Cameras



Digital SLR Cameras



Xpan = 45mm F4 Ext
49mm Centre Filter F.A.

Hasselblad Xpan Series



Large Format - Please Phone

Leica M Series		
M8 Black Body Only	E/+	E/+ \$1,589 -
M8 Chrome Body Only	E/+	E/+ \$1,699 -
M5 Platinum + 50mm F1.4	Mint	Mint
MP 0.7x Titanium Body Only	Mint	Mint
MP 0.7x Ralph Gibson Edition	Unused	Unused
MP 0.8x Chrome Body Only	Mint	E2 \$99 -
MP 0.7x Black Body Only	E/+	E/+
M7 0.7x Black Body Only	E/+	E/+ \$1,199 -
M7 0.7x Chrome Body Only	E/+	E/+
M7 0.8x Black Body Only	E/+	E/+
M6TLT 0.7x Black Body Only	E/+	E/+
M6TLT 0.7x Chrome Body Only	E/+	E/+
M6 0.7x Chrome Body Only	Unused	Unused
M6 Cutaway Body Only	Unused	Unused
M6 Chrome Body Only	E	E \$499 -
M1 Chrome Body Only	E	E \$549 -
M2 Black Body Only	E	E
M2 Black Body Only	E	E
M2A Chrome Body Only	E/+	E/+ \$399 -
21mm F2.8 Asph M Black	E/+	E/+
21mm F2.8 M Black	E	E \$49 -
21mm F2.8 Super Angulon + Finder	E	E
28mm F2.8 M Black	E	E \$749 -
35mm F2 Asph Chrome 6 BIT	E	E
35mm F3.8 Chrome (M3)	E/+	E/+
35mm F3.5 Chrome	E/+	E/+
50mm F1.9 M Black	E/+	E/+
50mm F2.8 M Black	E	E
50mm F2.8 M Black	E/+	E/+
75mm F2.5 Black 6 BIT	E	E
90mm F2 Black	C	C
90mm F2.8 Chrome	E	E
90mm F2.8 Elmarit	E	E
90mm F4 Collapsible	E	E
90mm F4 Collapsible	E/+	E/+ \$225 -
90mm F4 Elmar	C	C
90mm F4 Elmar C	E/+	E/+ \$249 -
90mm F4 Elmar C39	E/+	E/+ \$319 -

Flash & Lighting - Please Phon



Hasselblad H Series

99	Vogtlander 50mm F1.1 VM Nokton	Mint
99	Zeiss 15mm F2.8 Distagon - Black	Mint-8
99	1.25x Viewfinder Magnifier	Mint
59	50mm Chrome Viewfinder	E+
99	442 Swinn Polariser	E+ / E++ \$75

Hasselblad V Series

Leica R Series

R3 Gold + 50mm F1.4	Unused
R9 Anthracite Body Only	E+ / Mint- £849 - \$
R9 Black Body Only	E+ / £899
R8 Chrome + Motor Drive	E+

2003FLW Complete E+ £3,600
903SWC Complete E+ £2,600

RE B2 Black Body Only	E	+ £699
RE B2 Black Body Only	E / -	+ £399
RE B2 Black Body Only	E / -	+ £299
RE Chrome Body Only	E	+ £699
RE Black Body Only	E	+ £219
R4 Black Body Only	E	+ £119
R4 Chrome Body Only	E	+ £219
R5 Model 2 Black Body Only	E	+ £219
	E + - / Unused	+ £249
R3 M0T + Winder	E	+ £199
R3 M0T Body Only	E	+ £99
S1.2 Anniversary Only	E	+ £199
S1.2 Anniversary Only	E	+ £199
S1.2 Anniversary Only	E	+ £199
SL Chrome + 50mm F2 (dummy)	E	+ £199
SL Chrome Body Only	E	+ £199
16mm F2.8 Fisheye R0M	E	+ £199
28-70mm F3.5 & 4.5 R3 cam	E / -	+ £249
35-70mm F3.5 R3 ROM	E	+ £199
35-70mm F3.5 R3 German	E	+ £199
35-70mm F3.5 R3 Japan	E	+ £199
70-210mm F4 R3 cam	E / -	+ £349
80-210mm F4 R3 ROM	E / -	+ £399
80-210mm F4 R3 ROM	E / -	+ £399
100mm F4 Macro R3 cam	E	+ £199
135mm F2.8 R3 ROM	E	+ £199
180mm F2.8 Apo ROM	E	+ £199
180mm F2.8 R3 ROM	Exc / E	+ £249
180mm F4 R3 ROM	Exc / E	+ £249
250mm F4 R3 cam	E	+ £199
2x Apo Extender R3	E	+ £219

70 Chrome Mag E+9

99	Angle Finder R (14300)	E++ / Mint-	£89
99	Autobellows + 105mm F4 lens	E++	
99	Macro Adapter R	E++	£99

Leica Screw - Please Phone
Mamiya B/BMF - Please Phone



£349	Mamiya 645AFD Series	
£999		
£349	645AFD Complete	E++ £69
£549	645AFD Complete	E+ £59
£929	80mm F2.8 AF	E++ £19
£649	120mm F4 Macro MF	E++ £1,09
£349	150mm F3.5 AF	E++ £34
£279	210mm F4 AF ULD	E++ £69

£199
£299 **Mamiya 7/7II Series**

Mamiya RB67 Series
Pro S Gold Edition Mint 500

1,899	Pro 3 Gold Edition	*****
2,299	Pro SD Complete	*****

Mamiya RZ67 Series
50mm F4.5.....Exc / E++ £299 - £359

50mm F4.5 W Ex Demo / M
65mm F4 L-A

Check Out Our New Look Website

Buy On-Line 24/7 - Shop Open Mon-Fri 9 till 5.30



ffordes

photographic

Mamiya Twin Lens Series



C330S + Plain Prism	E+ £249
C330S Body Only	E+ £199
C220 + 80mm F2.8	E+ £169
135mm F4.5 Sekor	E- £85
Parameter	E- £35
Porrofinder	As Seen £225

Meters - Please Phone Minolta - Please Phone

Nikon AF

F5 Body + MF28 Back	Exc / E++ £199 - £399
F5 Body Only	E+ £199 - £399
F5 Body Only + MH30 Charger + Battery	E+ £299
F4E Body Only	E+ £249
F100 Body + MB15 Grip	E+ £199 - £179
F100 Body Only	E+ £149
F90X + MB10 Grip	As Seen / E++ £49 - £79
F90X Body Only	E+ £49
F90 Body Only	E+ £39 - £69
F80 Black + MB16 Grip	E+ £199
F80 Black Body Only	As Seen / E++ £49 - £69
F800 Black Body Only	E- £99
F801 + MF21 Databack	E- £69
F70 Body Only	E+ £49
F65 Chrome Body Only	As Seen / Unused £35 - £69
F60 Chrome Body Only	As Seen / E++ £15 - £49
F601 Body Only	Exc / E++ £19 - £29
F601 Databack Only	E+ £29
F55 Chrome + 28-100mm	E- £49
F55 Chrome Body Only	E+ / E++ £19 - £25
F50 Black Body Only	E+ / E++ £19 - £25
F50 Chrome Body Only	E+ / E++ £19
F40S D-Date Body Only	Unused £19
Pronea 600 + 24-70mm	E+ £75
Pronea S + 30-60mm	E+ / Unused £49 - £79
10.5mm F2.8 G AF ED Fisheye	E++ £429
12-24mm F2.8 G AFS DX	E+ £349
14mm F2.8 AF	E++ £249
18-35mm F3.5-4.5 AFD	E+ £199
18-70mm F3.5-5.6 G AF ED DXE	E+ / E++ £99 - £159
18-135mm F3.5-5.6 G AF DX	E+ £129 - £149
20-35mm F2.8 AF	E+ £499
24mm F2.8 AF	E+ £179
24-50mm F3.5-4.5 AFN	E+ £109
24-70mm F3.5-5.6 ED AFD As Seen / E++	£79 - £149
24-120mm F3.5-5.6 G AF ED VR	E+ / E++ £199 - £249
24-120mm F4 AFS G ED VR	Mint- £380
28mm F2.8 AFN	E+ £129
28-70mm F3.5-4.5 AFD	E+ £99
28-105mm F3.5-4.5 AF	E+ £119
28-105mm F3.5-5.6 AF	E+ £149
28-105mm F3.5-5.6 AFD	E+ £149
60mm F2.8 AF Micro	E+ £249
70-300mm F4-5.6 AF	E+ / E++ £59 - £75
70-300mm F4-5.6 AFD	E+ / E++ £129 - £149
70-300mm F4.5-5.6 G AF VR	E++ £309 - £319
75-300mm F4.5-5.6 AFN	E+ £99
80-200mm F2.8 ED AF	E+ / E++ £399 - £599
80-200mm F4.5-5.6 AF	E+ £49
80-400mm F4.5-5.6 AF VR	E+ / E++ £749 - £899
85mm F1.8 AF	E++ £239
105mm F2.8 AFS VR Micro	E+ £319
105mm F2.8 ED AF	E+ £299
400mm F2.8 AFS VR	E+ £4,999
Sigma 12-24mm F4.5-5.6 EX DG HSM	E++ £359 - £399
Sigma 15mm F2.8 EX DG Fisheye	E+ £359
Sigma 17-35mm F2.8-4.5 DG HSM	E+ £149
Sigma 17-55mm F2.8-4.5 EX	E+ £149
Sigma 18-50mm F2.8 EX DC	Mint- £179
Sigma 20mm F1.8 EX DG	E+ £299
Sigma 20-40mm F2.8 DG EX	E+ / E++ £179 - £199
Sigma 24-50mm F2.8 EX DG	E+ £199
Sigma 24-70mm F2.8 EX DG HSM	E+ £499
Sigma 24-70mm F3.5-5.6 D Asph	E+ £59
Sigma 24mm F1.8 EX DG	E+ £199 - £259
Sigma 28-300mm F3.5-6.3 DG	E+ £149
Sigma 30mm F1.4 DC EX HSM	E+ £279
Sigma 50mm F1.4 EX DG	Mint- £229
Sigma 70-200mm F2.8 APO EX DG HSM MACRO	E+ £399 - £449
Sigma 70-300mm F4.5-6.3 APO DG	Mint- £119
Sigma 80-400mm F4.5-6.3 APO DG OS	E+ £449 - £499
Sigma 100-300mm F4 EX APO	E+ £499
Sigma 170-500mm F5-6.3 APO	E+ £399
Tamron 17-35mm F2.8-4.5 XR Di	E+ £169
Tamron 17-55mm F2.8 XR Di II	E+ £229
Tamron 28-75mm F2.8 XR Di	E+ £249
Tamron 28-300mm F3.5-6.3 LD Macro	E+ £79
Tamron 28-300mm F3.5-6.3 XR	Unused £169
Tamron 55-200mm F4.5-6.3 Di II	E+ £49
Tamron 200-400mm F5.6 AF LD	E+ £249
Tokina 16-50mm F2.8 ATX Pro	E+ £395
Tokina 20-35mm F2.8 ATX Pro	E+ £249
Tokina 24-200mm F3.5-5.6 ATX	Unused £149
Tokina 28-80mm F2.8 ATX Pro	Exc £179
Tokina 35-300mm F4.5-6.7	E+ £199
Tokina 80-400mm F4.5-5.6 ATXE	E+ / E++ £199 - £249
Winder 28-70mm F2.8 Series 1	E+ £149
Winder 28-105mm F4.5-5.6 AF	Unused £59
Zeiss 21mm F2.8 Distagon ZF	E+ £399
Zeiss 50mm F1.4 Planar ZF	E+ £429
TC16A Teleconverter	Unused £99
TC-20E Converter	E- £99
Kenko 1.4x Converter Pro300	Mint- £35
Kenko 2x Converter Pro300	E+ £79
Sigma 1.4x APO EX Converter	E+ £119
Sigma 2x APO EX Converter	Mint- £119
S8-R2000 Speedlight	Mint- £129
SC17 Flash Cord	E+ / Mint- £35
SC-4 Bracket	E+ £75
R1C1 Speedlight Commander Set	E+ £119
SB218 Ringflash	E+ £109 - £179
SB22 Speedlight	E+ £49
SB22S Speedlight	E+ £49
SB23 Speedlight	E+ £29 - £35
SB24 Speedlight	E+ £39 - £49

Nikon Manual

F3AT Titanium Body Only	Unused £999
F3AT Body Only	E- £239
F3HP + MD4 Motor Drive	E+ / E++ £199 - £499
F3HP + MF14 Databack	E- £249
F3HP Body Only	Exc / E+ £149 - £239
F3 + MD4 Motor Drive	E+ £199
F3 Body Only	E+ £189
F2AS Black Photonic Body Only	E- £399
F2A Black Body Only	Exc / E+ £199 - £249
F2A Chrome Body Only	Exc / Mint- £189 - £750
F2S Black Body Only	E- £199
F2 Photonic Black Body Only	E- £199
F2 Photonic Chrome Body Only	E+ £149 - £165
F Photonic FTN + 50mm F1.4 Non AL	As Seen £179
F Photonic FTN Body Only	Exc £199
FM3A Black Body Only	E+ £419
FM2L Black Body Only	E+ £139
FM2L Chrome Body Only	E+ / E++ £129 - £199
FM Black Body Only	E- £39
FA Chrome + MD15 Motor Drive	E- £199
FE2 Chrome Body Only	E- £129
FE Chrome Body Only	E- £185
FG20 Chrome Body Only	E+ / E++ £59
EM Body + MDE Drive	E+ £59
EM Body Only	E+ £39
FTN Black Body Only	As Seen £39
FTN Black Body Only	E+ £199
24mm F2.8 AIS	E+ £199
35mm F2.8 Series E	Unused £150
28mm F3.5 AI	E+ / E++ £69 - £89
28mm F3.5 PC Shift	E- £239
28-80mm F3.5-4.5 AIS	E+ £179
35mm F2.8 AIS	Mint- / Mint- £349 - £450
35mm F2.8 AI	Exc £39
35mm F2.8 PC Shift	E+ / E++ £249 - £349
35mm F3.5 PC Shift	E+ £239
50mm F1.2 AIS	E+ / E++ £59 - £79
50mm F1.8 AIS	Exc / E++ £79 - £149
35-135mm F3.5-4.5 AIS	E+ £129
43-86mm F3.5 Auto	Unused £175
43-86mm F3.5 Non AI	E- £75
45mm F2.8 F	E++ / Unused £259 - £399
50mm F1.2 AIS	Mint- / Mint- £399
50mm F1.8 AIS	E+ £79
50mm F1.8 Series E	Exc / E- £29 - £49
50mm F2 Non AI	E+ £39
30-300mm F4.5 AI	E+ £399
50mm F2.8 AIS Micro	Mint- £299
55mm F3.5 AI Micro	As Seen £59
55mm F3.5 Micro Non AI	E+ £79
55mm F3.5 Non AI Micro	Exc £59
70-210mm F4 Series E	As Seen / Unused £39 - £195
80-200mm F4 AIS	E+ £129
80-200mm F4.5 AI	As Seen £59
85mm F2 AI	E- £129
105mm F2.5 AIS	E- £169
105mm F2.8 AIS Micro	E- £149
135mm F2.8 AI	E+ £89
135mm F3.5 Non AI	As Seen / E- £39 - £65
135mm F3.5 Non AI	E+ £69
180mm F2.8 AI	E+ £249
180mm F2.8 ED AIS	E+ / Unused £349 - £699
200mm F2.8 F	E+ £99
200mm F3.5 Non AI Micro	Exc £59
200mm F4 AIS Micro	E+ / E++ £249 - £299
200mm F4 Non AI	E+ £79
200mm F5.6 Medical	E- £399
300mm F4.5 AI	E+ £175
300mm F4.5 ED AIS	Exc £225
300mm F4.5 Non AI	E+ / E++ £125 - £149
400mm F3.5 IFD AI	E- £899
400mm F4.5 ED AI	Exc £649
400mm F5.6 IFD AIS	E- £749
500mm F8 Reflex	E++ / Mint- £225 - £349
600mm F5.6 IFD AI	Exc £749
Zeiss 28mm F2 Distagon ZF	Mint- £749
SB11 Speedlight	E+ £229 - £339
SB12 Speedlight	E+ £229 - £339
SB15 Speedlight	E+ £39
SB16 Speedlight	E+ / Mint- £59 - £95
SB17 Speedlight	E+ £35
SB18 Speedlight	E+ / Unused £129 - £139
SB20 Speedlight	E+ £39
SB218 Ringflash	E+ £149
SBA Speedlight	E+ £15
SD-6 Battery Pack	Unused £35 - £50
Slave Controller SDA	Mint £39
SP2 Ring Light Unit	E+ £49

80mm F4 Auto Macro Zuiko	E+ £225
80mm F4 Macro Zuiko	E+ / E++ £159 - £199
135mm F4.5 Zuiko Macro	E+ £249
300mm F4.5 Zuiko	E+ £99
400mm F6.3 Zuiko	E+ £599
F280 Flash	E+ £49 - £79
T10 Ringflash	E+ £75
T18 Flash	E+ / E++ £10 - £175
T20 Flash	E+ / E++ £9 - £25
T28 Flash Head	As Seen £49
T32 Flash	E+ £15 - £55
T45 Hammerhead Flash	E+ £195

Pentax 645 Series

645 + 45-135mm	E+ £469
45mm F2.8 A	E+ / E++ £229 - £249
45-85mm F4.5 FA	E+ / E++ £599 - £649
55mm F2.8 A	E+ / E++ £159 - £225
55-110mm F3.6 FA	Mint- £699
80-160mm F4.5 A	E+ / E++ £299 - £399
120 Insert	E+ £49 - £79
220 Insert	E+ / E++ £30 - £59

Pentax 67 Series

67 + AE Prism	E+ £849
67 Body Only	Exc £549
67 Mirror Up Complete	E+ £449
67 Mirror Up Complete + TTL Prism	E+ £449
35mm F4.5 Fisheye Takumar	E+ / E++ £449 - £650
45mm F4 SMC	E+ £349
55mm F3.5 Takumar	E+ £179
55mm F4 SMC	E+ / E++ £249 - £299
75mm F4.5 Shift	Exc £329
75mm F4.5 Takumar	E+ £149
100mm F4 SMC Macro	Mint- £449
135mm F4 Macro Takumar	Exc / E- £149 - £159
150mm F2.8 Takumar	E+ £39
165mm F2.8	As Seen / E- £39 - £199
200mm F4	E+ £139 - £199
200mm F4 Takumar	E+ / E++ £119 - £199
300mm F4	E+ £349
300mm F4 Takumar	As Seen / E+ £159 - £249
800mm F5.6	E+ £399
800mm F4 Takumar	E+ £249
16-2x Rear Converter	E+ £99
Vivitar 2x Converter	E+ / E++ £49 - £79
Extension Tube 1	E- £35
Extension Tube 2	E- £35
Extension Tube Set	E+ / E++ £65 - £75
Extension Tubes 2+3	E+ £49
Extension Tubes Set 1+2+3	Mint- £69

Pentax Manual

FA + FA1 Prism	E+ / E++ £279 - £299
KM Chrome + 55mm F1.8 SMC	E- £99
K2 Chrome Body Only	E- £75
K1000 Chrome + 50mm F2	E+ £69
K1000 Chrome Body Only	As Seen £49
KM Black Body + Data Back	E+ £149
KM Chrome + 50mm F2	E+ £109
MC Chrome Body Only	E+ £109
MC-Super Chrome Body Only	E+ £59
ME Black Body Only	E+ £49
MEF + 35-70mm F2.8 AF	E+ £79
MEF Body Only	E- £79
MV1 Black + 50mm F2	E+ £49
MV1 Black Body Only	E+ £39
Program A Body Only	E+ £59 - £69
P30M + 28-80mm	E+ £49
A3 Body Only	E+ £49
15mm F3.5 SMC M	E+ £449
17mm F4 SMC Fisheye	E+ £449
20mm F4 SMC M	E+ £239
24-35mm F3.5 SMC M	E+ £149
24-50mm F4 SMC A	E+ £99
28-50mm F3.5-4.5 SMC M	E+ / E++ £49 - £75
28-80mm F3.5-4.5 A	E+ £49
35-70mm F2.8-3.5 SMC A	As Seen £39
35-70mm F2.8-3.5 SMC M	E+ / E++ £89
35-70mm F3.5-4.5 SMC A	E+ £59
35-70mm F4.5-5.6 SMC A	E+ £225
35-80mm F4.5-5.6 SMC A	E+ £225
35-105mm F3.5 SMC A	E+ £69
40mm F2.8 SMC M	E+ £99
40-80mm F2.8-4 SMC M	E+ / E++ £39 - £69
50mm F1.2 SMC M	E+ £279
50mm F1.4 SMC M	E+ £59 - £75
50mm F1.7 SMC A	E+ £79
50mm F1.7 SMC M	E+ / E++ £49
50mm F2 SMC A	E+ £35
50mm F2 SMC M	E+ £35
50mm F4 SMC M Macro	E+ / E++ £129 - £149
75-150mm F4 SMC M	E+ £35
80-200mm F4.5 SMC M	E+ £36 - £39
100mm F2.8 SMC M	E+ £99
135mm F3.5 SMC M	E+ / E++ £35
300mm F4 SMC PK	E+ / E++ £195
AF60 Flash	E+ / E++ £5 - £3
AF200S Flash	E+ £25
AF200T Flash	E+ £19 - £225
AF240Z Flash	E+ £19 - £35
AF260A Flash	E+ £129
AF280T Flash	E+ / E++ £29 - £49
AF400T Flash	E+ £175
Auto Extension Tube K 100mm	E+ £35
Dial Databack LX	E+ £29
Extension Tube Set	E+ £25
F12 Prism Finder	E+ £89
FF1 Waist Level Finder	E+ £99
Holohite Grip + Bracket	E+ £45
Motor Drive A	E+ £99
MX Winder	E+ £39
Winder LX	E+ £89
Winder ME	E+ £19
Winder MEII	E+ £29

Olympus OM Series

OM4 Black + 50mm F1.8	E+ £149 - £199
OM4 Black Body Only	E- £129
OM2SP Black Body Only	E- £99 - £119
OM2L Black Body Only	As Seen / E- £49 - £79
OM1 Chrome + 50mm F1.8	E- £79 - £89
OM2L Chrome Body Only	E- £59 - £79
OM11 Chrome + 50mm F1.8	E+ £79
OM11 Chrome Body Only	As Seen / E- £65 - £79
OM40 Black + 50mm F1.8	E- £79
OM40 Black Body Only	Exc / E+ £49 - £79
OM10 Chrome + 50mm F1.8	E+ / E++ £39 - £69
OM10 Chrome + M-Adapter	E+ £39
OM10 Chrome Body Only	E+ / E++ £39
OM101 + 50mm + 35-70mm + 70-210mm	As Seen £99
21mm F3.5 Zuiko	E+ £299
28mm F3.5 Zuiko	E- £49
28-40mm F4 Zuiko	E+ £29
35mm F2.8 Zuiko Shift	E+ £249
35-70mm F3.5-4.5 Zuiko	E+ / E++ £39 - £49
35-70mm F3.6 Zuiko	E- £139
35-70mm F4 Zuiko	Exc / E- £29 - £39
35-105mm F3.5-4.5 Zuiko	E+ / E++ £89 - £99
50mm F2.8 Macro Zuiko	E- £329
50mm F3.5 Macro Zuiko	E- £99 - £119
50-250mm F5 Zuiko	E+ £199 - £349
65-200mm F4 Zuiko	E+ / E++ £99 - £159
75-150mm F4 Zuiko	As Seen / E+ £39 - £59

FUJIFILM

Fuji X100

- 12.3 megapixel APS-C CMOS sensor
- High quality solid build
- Hybrid viewfinder
- Fujinon 23mm fixed focal length lens
- Full manual controls
- Full HD video

Ffordes £829



X100 with EF-20 Flash £939 X100 with Leather Case and Hood £949
EF-20 TTL Flash £109 LC-X100 Leather case £89 Hood and Adapter £69 NP95 Battery £39

Fuji X10

- Newly-developed large 2/3" 12 megapixel
- EXR-CMOS sensor and advanced EXR Processor
- Bright optical viewfinder with a wide viewing-angle
- 28-112mm f2/2.8 4x optical zoom
- Motion panorama 360 mode
- Full HD video

Ffordes £489



MrCAD

NOW FOLLOW US ON:
twitter: @mrcaduk
flickr: mrcad_photographic

MORE JANUARY SALE

As Listed 6TH - 20TH DEC

CONTAX/YASHICA

24mm f2.8 Haninex	£20
28mm f2.8 Maxxar CX Yashica	£20
70-210mm f4/5.6 Sirius Zoom	£20
70-210mm f4.5 Sirius	£20
70-210mm f4.5 Sigma Zoom	£20
80-200mm f4.5 Sun Y/CX	£20
80-200mm Soligor Yashica fit	£30
80-200mm f4.5 Vivitar Lens	£40
135mm f2.8 Super Paragon	£20
135mm f2.8 Preset Lens	£10
135mm f2.8 Mitakon Tele	£10
135mm f2.8 Super Paragon	£20
200mm f3.3 Super Paragon	£20
600mm f8 Sigma Contax fit	£150

PRAKTIKA PB

28-70mm f3.5/4.5 Sigma PB	£30
28-200mm f4/5.6 Sigma PB Fit	£50
35-70mm f3.5/4.5 Sigma PB	£30
70-210mm Sigma PB	£30
70-200mm f2.8/3.5 Sigma PB	£30
80-200mm f3.5/4.5 Sigma PB	£40

PENTAX PK

28mm f2.5 Tamron PKM Lens	£30
28mm f2.8 Chinon PK Fit Lens	£20
28mm f2.8 Cosinon PKA	£20
28mm f2.8 Sirius PKA fit Lens	£20
28mm f2.9 Kiron PKM Lens	£30
35mm f2.8 Caranar Lens Boxed	£20
35-70mm f3.5/4.5 Cosinon PKM	£20
70-150mm f3.8 Vivitar PKM	£20
70-210mm f4 Makinon PK fit	£20
70-210mm f4 Sigma UC PKA	£30
70-210mm f4/5.6 Tokina SDPKA	£30
70-210mm f3.5/5.6 Vivitar PKA	£30
70-210mm f4.5 Vivitar PKM	£30
70-300mm f4.2/5.8 Vivitar Lens	£20
75-150mm f3.8 Vivitar PK	£20
75-150mm f3.8 Hoya PKM Lens	£20
75-150mm f3.9 Chinon PK Fit	£20
80-200mm f3.8 Super Albinar	£20
80-200mm f4.5/5.6 Albinar PKA	£20
80-200mm f4 Clubman PK fit	£10
80-200mm f4.5 Cosinon 2 PKM	£20
80-200mm f4.5 Haninex PK Fit	£20
80-200mm f4.5 Mackinon PK Fit	£20
80-200mm f4.5 Petri PK fit	£20
80-200mm f4.5 Maxxar PK fit	£40
80-200mm f4.5 Cosinon PKM	£20
80-200mm f4.5 B+H PK Fit	£20
80-200mm f4.5 Vivitar Lens	£20
80-200mm f4.5/5.6 Prinzflex PK	£20
80-210mm f3.8/4.5 Tamron PKM	£20
80-205mm f4.5 Prinzflex PKM	£20
85-210mm Tamron Adaptall II with Mount+Case	£30
100-200mm f4.5 Sigma PK	£30
100-200mm f5.6 Mirage PKM	£20
135mm f2.8 Cosinon PK Fit	£10
135mm f2.8 Hoya PK Lens	£20
135mm f2.8 Tamron BBAR PKM	£20
135mm f2.8 Chinon PKM Lens	£20
135mm f2.8 Makinon PKM	£20
135mm f3.5 Vivitar PKM Lens	£20
200mm f3.3 Haninex PK fit Lens	£20
200mm f3.5 Chinex Lens	£20
200mm f4 Pentax M Lens	£30
200mm f4 Pentax SMC PKM	£30
300mm f4.5 Super Paragon PK	£30

NIKON

24mm f2.5 Tamron Adaptall	£40
28mm f2.8 Tamron Auto Nikon Fit	£40
28mm f2.8 Tamron Nikon F fit	£20
28mm f2.8 TamronMK1/Nikkormat	£20
28mm f2.8 Pentavision AIS	£20
28-200mm f3.8 f5.8 Tamron AIS	£50
35mm f3.5 Soligor Preset	£10
70-150mm f3.8 Vivitar N/AI fit	£40
+ matched multiplier	£40
70-200mm f4 f5.6 Sigma UC/AIS	£30
70-200mm f4.5 Sigma AIS	£20
70-200mm f3.8 Vivitar AI	£30
70-210mm f3.5 Vivitar Series I	£30
80-200mm f4 Hoya AI fit lens	£30
80-200mm f4.5 Cimko AIS	£20
80-200mm f3.5/4.5 Tokina AIS	£20
80-200mm f4.5 Vivitar N/AI fit	£20
80-200mm f3.5 Soligor N/F	£20
135mm f2.8 Haninex Nikon F	£10
135mm f2.8 Panagor Nikon F	£20
300mm f5.5 Soligor Nikon F	£20
300mm f5.6 Vivitar non AI Lens	£40
350-1200mm f11 Sigma APO SLD lens + case	£1500
400mm f6.3 Soligor Nikon fit	£30
600mm f8 Sigma Reflex Mirror	£100

PROXAR SETS 49/52/55/58

OR 62MM £18 PER SET

CLOSE UP -1, -2 AND +3

COKIN FILTERS

SIZE A FILTERS 3 FOR £10

SIZE P FILTERS 3 FOR £15

COKIN A RINGS £5

COKIN P RINGS £4

EXISTING STOCKS ONLY

GREAT CHRISTMAS

GIFTS

HOLGA CAMERA'S

120 - PLASTIC LENSES

120N NO FLASH £28

120FN WITH FLASH £36

120CFN

COLOURED FLASH £39

120 - GLASS LENSES

120GN NO FLASH £32

120GFN WITH FLASH £40

120GCFN

COLOURED FLASH £44

120PC PIN HOLE £32

120WPCWIDE P/HOLE £54

STEREO PIN HOLE £77

120 3D

STEREO CAMERA £112

35MM BASIC CAMERA £47

35PC 35MM PIN HOLE £49

FISHEYE LENS 35MM £35

3D SLIDE VIEWER £21

12X STEREO MOUNTS £8

30CM SHUTTER RELEASE

+ CONNECTOR £19

LENS FILTER HOLDER £4

SOFT SURROUND FILTERS £13

SPLIT IMAGE FILTERS £13

COLOUR FILTERS £13

NEW Double Dark

SLIDES

10x8 2 for £95

£50 Each

5x7 For

4 3/4 x 6 1/2

Film 2 for £48

£26 Each

5x7 For 5 x 7

Film 2 for £80

£42 Each

CCS LENS POUCHES

LIST £14 £8 EACH

A204 110H X 80W X 60D

A206 155H X 80W X 70D

A210 260H X 80W X 70D

PENTACON HARD

CASES - £5 EACH

M2 70MM X 115MM

M3 70MM X 165MM

M4 85MM X 105MM

M5 95MM X 80MM

M6 95MM X 165MM

M7 95MM X 220MM

M8 105MM X 110MM

M10 125MM X 215MM

M11 125MM X 255MM

M12 125MM X 335MM



ADD A FINDER TO YOUR

DIGITAL CAMERA

OR RANGEFINDER

HELIOS VIEWFINDER

35 / 85 / 135MM With Case

£20 - 2 for £37



18% GREY CARDS

USE WITH DIGITAL

FOR PERFECT

SLIDES

OR NEGATIVES

FOR USE IN DETERMINING

LIGHTING RATIOS,

EXPOSURE,

AND COLOUR BALANCE

5X4 £7.99

2 FOR £14

10X8 £12.99

2 FOR £24

IDEAL FOR THE PINHOLE

ENTHUSIAST £159

ILFORD Pinhole Camera

Made from injection moulded ABS,

with all fittings in stainless steel.



The camera is

exceptionally

durable.

The camera,

which can be used

with any photo-

graphic film or

paper. Comes complete with a

Pinhole Camera Exp Calculator and

the 72mm wide angle cone

Kit comes with

10Shts 4x5 M/6 RC Paper,

10Shts 4x5 Direct Positive Paper,

10Shts 4x5 Ilford Delta 100 Film

Extras from Mr Cad:

FREE Table Top Tripod and

FREE 5x4 Double Darkslide

Yankee Agitank £49.99

Cut Film Dev Tank

for 6x9 or 5x4

With Removable Rack

Holds up to 12 Sheets

FILM DEALS

LUCKY 135 36Exp B&W

DATED 07/10 10 ROLLS £16

FUJI REALA 36 Exp NEG

DATED 09/07 20 ROLLS £25

200asa - 24 EXP NEG

10 ROLLS £10

KODAK COLOUR

200asa 24 Exp NEG

DATED 2010 10 ROLLS £15

FUJI SENSIA 100asa

36 Exp SLIDE FILM

DATED 09/08 10 ROLLS £20

FUJI SLIDE FILM

PROVIA 100F 120MM

VELVIA 100F 120MM

DATED 09/11

5 ROLLS £20 10 ROLLS £36

FUJI INSTANT

FP100C GLOSSY/MATT

Fits Bronica, Fuji, Rollei,

Hasselblad or Mamiya

MATT/GLOSS 09/07

20 PACKS £130

10 PACKS £70 4 PACKS £30

PER PACK £8.50

ROLLEI INFRARED

B&W 5X4 FILM

25 SHEETS DATED 2010

1 PACK £26 2 PACKS £48

ROLLEI R3 5X4

B&W DATED 2010

30 SHEETS £27

10 SHEETS £17

R3 B&W 35mm/120mm

TWO ROLLS FOR £8

ROLLEI TECHNICAL PAN

32 asa 35mm 36 EXP

DATED 09/08 £4 per roll

FUJI QUICKLOAD

VELVIA 100F 5X4

20 SHEETS DATE 09/09

PER BOX £44

3 BOXES £126

5 BOXES £200

FUJI 10X8/E6

VELVIA 50ASA

10 Sheets 03/09

PROVIA 100F 100ASA

10 Sheets 09/09

1 BOX £52 2 BOXES £100

3 BOXES £144

POLAROID FILM

£3000 + £155

250 Thermal Photo Prints with Ribbons

for Digital Mini Portrait Thermal Photo

B&W FILM

Type 600 PX600 B&W

Type 600 PX600 UV+ B&W

Type 600 BLACK FRAME

Type 600 GREY FRAME

SK70 PX100 SILVER SHADE

IMAGE PZ B&W FILM

IMAGE PZ BLACK FRAME

COLOUR FILM

PX680 Type 600 Colour

PZ680 Image Colour

SK70 PUSH Colour

£19 EACH

PAPER DEALS

ILFORD 10X8 V/C

M/6 R/C GLOSSY

120 SHEETS 1 Box £41

2 Boxes £80 3 Boxes £114

ILFORD POSTCARD

100 SHEETS M/6 R/C

PEARL LIST £18 EACH

2 BOXES £25 4 BOXES £46

KENTMERE 5X7

FINEPRINT 100 SHEETS

WARM TONE V/C

FTBSE BASED £18

Please visit our website: **www.mathersoflancashire.co.uk**

Canon



**Canon EOS 600D
+ 18-55mm IS**

only £669!*

EOS 600D + 18-55 IS + 55-250IS £869*

EOS 600D body only £579*

*** LESS £50 CASHBACK FROM CANON
ON ALL KITS & BODY ONLY**

PENTAX



**Pentax K-r
+ 18-55mm DA**
only £395!

K-r + 18-55 DA + 50-200 DA £485

K-r body only £349

PENTAX



**Pentax K-5
+ 18-55mm WR**
only £769!*

K-5 + 18-55 WR + 50-200 WR £929*

K-5 + 18-135 WR Lens £1099*

K-5 body only £749*

*** LESS £90 CASHBACK FROM
PENTAX ON ALL KITS & BODY ONLY**

FUJIFILM FinePix



**Fuji FinePix
F500 EXR**

only £185!

**ADD CASE & 4Gb CARD
FOR ONLY £15**

FUJIFILM FinePix



**Fuji FinePix
HS-20 EXR**
only £249!

Panasonic LUMIX® G Series



**Panasonic Lumix G-2
+ 14-42mm Mega OIS**
only £389!

(Less £40 Cashback)

OR...

**Panasonic Lumix G-2
+ 14-42mm
+ 45-200mm lenses**
only £599!

(Less £65 Cashback)



**Panasonic Lumix G-3
+ 14-42mm Mega OIS**
only £479!

(Less £40 Cashback)

OR...

**Panasonic Lumix G-3
+ 14-42mm
+ 45-200mm lenses**
only £699!

(Less £65 Cashback)
Free Adobe Lightroom with
Both G-3 Kits



**Panasonic Lumix GF-3
+ 14mm f2.5 lens**
only £395!

(Less £40 Cashback)

OR...

**Panasonic Lumix GF-3
+ 14-42mm lens**
only £369!

(Less £40 Cashback)
Free Adobe Lightroom with
Both GF-3 Kits



**Panasonic Lumix GH-2
body only £549!**

OR...

**Panasonic Lumix GH-2
with 14-42mm**
only £629!

(Less £40 Cashback)

with 14-140mm
only £969!
(Less £40 Cashback)

COMING SOON

Panasonic Lumix GX-1

GX-1 Body Only (Black or Silver).....£479*

GX-1 + 14-42 Std Zoom (Black).....£519*

***(Due Mid December)**

**GX-1 + 14-42 Power Zoom Lens
(Black or Silver).....£629****

**** (Due January 2012)**

(Now taking deposits for earliest delivery)

Panasonic

Lumix S-3.....	£79
Lumix FS-16.....	£79
Lumix FS-18.....	£98
Lumix FS-22.....	£109
Lumix FS-35.....	£112
Lumix FS-37.....	£128
Lumix FX-70.....	£169
Lumix FX-77.....	£195
Lumix FX-90.....	£215
Lumix LX-5.....	£349
Lumix FZ-45.....	£239
Lumix FZ-48.....	£258*
Lumix FZ-100.....	£299
Lumix FZ-150.....	£359*

*** Now With 5 Years Warranty**

Lumix TZ-8..... £169

Lumix TZ-18..... £184

TZ-18 Now less £25 CashBack

Lumix TZ-20..... £224

TZ-20 Now less £35 CashBack

Lumix FT10..... £142

Lumix FT3..... £263

Lumix 3D1..... £375

FUJIFILM

FinePix

Z-90.....	£89
Z-900 EXR.....	£139
T200.....	£94
XP-10.....	£88
XP-30.....	£123
F-500 EXR.....	£185
F-600 EXR.....	£225
S-2950.....	£115
S-3200.....	£129
S-4000.....	£164
W3 REAL 3D.....	£228
HS-20 EXR.....	£249
X-10 EXR.....	£449
X-100 EXR.....	£839

Please note.
WE STILL SELL FILM!
Kodak, Fuji, Ilford
Colour Print, Slide
and Black & White.
35mm and 120!

SIGMA

20mm f1.8 EX DG.....	£539
24mm f1.8 EX DG.....	£439
30mm f1.4 EX DG HSM.....	£375
50mm f2.8 EX Macro DG.....	£266
70mm f2.8 EX Macro DG.....	£364
105mm f2.8 EX DG OS HSM Macro.....	£665
10-20mm f4-5.6 EX DC HSM.....	£419
10-20mm f3.5 EX DC HSM.....	£495
12-24mm f4.5/5.6 MK2 DG HSM.....	£659
17-50mm f2.8 EX DC HSM OS.....	£555
17-70mm f2.8-4 DC Macro OS HSM.....	£349
18-50mm f2.8-4.5 DC OS HSM.....	£179
18-125mm f3.5/5.6 DC OS HSM.....	£264
18-200mm f3.5-6.3 DC HSM.....	£179
18-200mm f3.5-6.3 DC OS.....	£285
18-250mm f3.5-6.3 DC OS.....	£399
50-200mm f4/5.6 DC OS HSM.....	£179
70-200mm f2.8 APO EX DG OS.....	£969
70-300mm f4-5.6 DG Mac II.....	£133
70-300mm f4-5.6 APO DG Mac II.....	£189
70-300mm f4-5.6 DG OS.....	£299
150-500mm APO DG OS HSM.....	£829
1.4x APO EX DG Conv (EX lenses).....	£199
2x APO EX DG Conv (EX lenses).....	£239



**Please visit our website for the
full range of SIGMA lenses.**

LUMIX® G Series Lenses

14mm f2.5.....	£285 (Less £25 Cashback)
20mm f1.7.....	£285 (Less £25 Cashback)
X PZ 14-42mm f3.5-5.6.....	£299 (Less £60 Cashback)
X PZ 45-175mm f4-5.6.....	£319 (Less £60 Cashback)
14-140mm f4-5.8.....	£569 (Less £25 Cashback)
45-200mm f4-5.6.....	£269 (Less £25 Cashback)
100-300mm f4-5.6.....	£439 (Less £25 Cashback)

LEICA Lenses For G Series

Summilux 25mm f1.4 ASP.....	£439 (Less £25 Cashback)
Macro 45mm f2.8.....	£579 (Less £25 Cashback)



Panasonic

G Series Case
only £19.95!

**Please visit our website
for best prices on Lowepro
bags, Hoya and Kood
filters, Fuji memory cards,
batteries and camera
accessories. E&OE.**

Est 1994

T4 CamerasVisit us online at: www.t4cameras.co.uk**PREMIER Dealer****NIKON 1 V110-30mm & 30-110mm TWIN KIT**

The portable Nikon 1 V1 has an astonishingly super high-speed AF CMOS sensor, a high-resolution electronic viewfinder, clever shooting modes, strong low-light performance and options for manual control, it may be small but it's a powerhouse of imaging innovation.

**ONLY £899.00****NIKON 1 J110-30mm & 30-110mm TWIN KIT**

The clever Nikon 1 J1 camera thinks fast and acts even faster to let you capture moments in time in exciting new ways. Easy to operate, and with an astonishingly fast autofocus system, strong low-light performance, clever shooting modes and a built-in flash, it has everything you need to shoot photos and movies.

**ONLY £629.00****FREE 4GB SD CARD WITH ALL NIKON COOLPIX CAMERAS****NIKON COOLPIX P7000**

The COOLPIX P7000 looks like a classic, carries like a compact and handles like an SLR. Perfect for photographers who want complete control, it delivers a performance worthy of a pro.

**ONLY £299.00****NIKON COOLPIX AW-100**

Built to capture the action on land or in the water, the COOLPIX AW100 is as ready for an adventure as you are. Waterproof, shockproof and freeze-proof, it is the perfect camera for active pursuits.

**ONLY £249.00****NIKON LENSES & ACCESSORIES**

105MM F2.8 G AF-S VR IF ED MICRO	£629.00
24-70MM F2.8 G ED AF-S	£1259.00
70-200MM F2.8 G ED AF-S VR II	£1649.00
TC14EII CONVERTER	£319.00
55-300MM F4.5-5.6 G AF-S DX VR	£259.00
ME-1 STEREO MICROPHONE	£79.00
NIKON SB700 SPEEDLIGHT	£239.00
NIKON EN-EL3E BATTERY	£59.00

Phone our Experienced advisors onNewbury: **01635 528788**Swindon: **01793 523332**Witney: **01983 702687**Lines open Monday-Saturday
9:00 am – 5:30 pm

- Part-Exchange Welcome
- Lease Rental available (subject to status)
- Passport Photos
- Sensor Cleaning
- Studio Hire
- Servicing and Repairs

All product genuine UK stock, no grey imports.
P&P Mainland UK £9.00
Stock subject to availability

**SRS Microsystems**www.srsmicrosystems.co.uk**Mail Order Hot Line 01923 226602**

90-92 THE PARADE
HIGH STREET
WATFORD
HERTS
WD17 1AW

WANT TO UPGRADE?
We buy digital SLR lenses & cameras!
Call us for a price today

PENTAX

18-135 DC WR - Unboxed	£369
18-55 WR	£189
50-200 WR	£149
10-17/3.5-4.5	£385
12-24/4 DA	£595
15/4 DA Limited	£569
17-70/4 ED SDM	£369
21/3.2 AL DA	£379
35/2.4 AL DA	£134
35/2.8 Macro DA Limited	£295
40/2.8 DA Limited	£389
55-300/4.5-6.3 DA	£269
70/2.4 DA Limited	£389
18-55 DAL	£39
16-50 DA*/2.8 SDM	£619
200 DA*/2.8 SDM	£739
300 DA*/4.5 SDM	£899
50/1.4 FA	£299
50-135 DA*/2.8 SDM	£689
55 DA*/1.4 SDM	£579
60-250 DA*/4.5 SDM	£949
100/2.8 DFA WR Macro	£479
50/2.8 DFA Macro	£1069
31/1.8 FA Limited	£609
43/1.9 FA Limited	£609
77/1.8 FA Limited	£779
AF 140 FC Ring Flash	£499
AF 540 FGZ Flash	£399
AF 360 FGZ Flash	£269
AF 200 FG Flash	£109

PENTAX K-5

Body Only
£729
Body + 18-55 WR
£785

PENTAX K-r

Body + 18-55 DAL
£395

D-BG4 Grip - K5 & K7
D-L90 Battery - K5 & K7
O-ME53 Mag. Eyecup
ML-60 Grid Screen
MF-60 Scale Screen
ME-60 Plain Screen

PENTAX 645D

From **£8999**

PENTAX Q

From **£599**

£100 Cashback

Canon 600D

Body **£579**
+ 18-55mm IS
£649

Canon 60D

Body **£769**
+ 18-55mm IS
£1059

Body **£1199**
+ 18-135mm IS
£1489

Canon

24-70mm F2.8 L USM	£1049
70-200mm F2.8 L IS II USM	£1999
70-200mm F4 L USM	£529
100mm F2.8 L IS US-Macro	£779
100-400mm F4.5-5.6 L IS USM	£1299
10-22mm F3.5-4.5	£689
15-85mm F3.5-5.6 IS USM	£599
18-55mm F3.5-5.6 IS USM	£139
55-250mm F4-5.6 IS	£189
50/1.8 II	£99
60mm F2.8 USM Macro	£379
70-300mm F4-5.6 IS USM	£429
24 AF-1 Flash	£49
36 AF-5 Flash	£69
44 AF-1 Flash	£119
50 AF-1 Flash	£189
58 AF-2 Flash	£249
15 MS-1 Wireless Macro Flash	£249

SIGMA

8-16/4.5-5.6 DC HSM	£549
10-20/4.5-6.3 EX DC HSM	£429
18-200/3.5 EX DC HSM	£699
105/2.8 EX Macro DG	£399
120-400/4.5-5.6 APO OS	£719
12-24/4.5-5.6 II EX HSM	£679
130-300/2.8 EX DG OS HSM	£2099
150-500/5.6-6.3 APO DG OS	£849
17-50/2.8 EX DC OS HSM	£359
17-70/2.8-4.5 DC OS	£349
18-50/2.8-4.5 DC OS HSM	£179
18-250/3.5-6.3 UC HSM US	£399
18-250/2.8 EX DG Macro	£309
24-70/2.8 EX DG HSM	£639
30/1.4 EX DC	£379
4.5/2.8 EX HSM Circular Fisheye	£597
50-150/2.8 EX DC M42	£565
50-500/4.5-6.3 DC HSM OS	£1269
50/1.4 EX DG HSM	£379
58/2.8 Macro DG	£269
58-200/4.5-6.3 EX HSM	£235
70-200/2.8 EX APO DG	£599
70-200/2.8 EX DG OS HSM	£999
70-300/4.5-6.3 APO DG Macro	£179
70-300/4.5-6.3 Macro Super DG	£129
70-300/4.5-6.3 EX DG OS	£299
70/2.8 EX Macro DG	£369
14-42mm F4.5-5.6 EX DC OS	£699
85-135mm F1.8 EX DG HSM	£1159
EF 610 DG SUPER Flash	£229

OLYMPUS

9-18mm F4.5-5.6	£459
12mm F2	£299
14-150mm F4.5-6.3	£449
14-42mm F3.5-5.6	£109
17mm F2.8	£199
40-150mm F4.5-6.3 MSC	£229
45mm F1.8	£239
75-300mm F4.5-6.7 MSC	£399

Nikon

D700
Body Only **£1779**

Nikon

D7000
Call for our latest price and availability

Nikon

D3100
Call for our latest price and availability

NIKON 1

V1 J1
Lenses
Call for our latest price and availability

Nikon

10-52/2.8 ED DX Fisheye	£549
10-74/3.5-4.5 AF-S DX	£659
105/2.8G AF-S VR Macro	£899
12-24/4 AF-D DX	£1319
14-24/2.8	£599
16-35/4G VR AF-S	£859
16-85/3.5-5.6 VR AF-S DX	£445
17-55/2.8 IF ED AF-S DX	£1099
18-105/3.5-5.6G AF-S VR	£1999
18-200/3.5-5.6 VR II AF-S DX	£1899
18-55/3.5-5.6G AF-S VR	£99
24/1.4G AF-S ED	£1549
24-70/2.8G AF-S ED	£1229
24-120/4G AF-S VR II	£1899
28-300/3.5-5.6G VR AF-S	£699
35/1.4G AF-S	£1399
35/1.8G AF-S	£1199
50/1.4 D	£295
50/1.4G AF-S	£309
50/1.8 D	£114
55/3.5G ED AF-S	£175
55-200/4.5-6.3G AF-S DX VR	£299
55-300/4.5-6.3G ED VR AF-S	£299
60/2.8 AF-S Macro	£399
70-300/2.8G ED VR II AF-S	£1599
70-300/4.5-6.3G AF-S VR	£449
200-400/4G ED VR II AF-S	£1599
85/1.4G AF-S	£1229
85/1.8 D	£310
85/3.5G ED VR AF-S DX Micro	£259
58 700 Flash	£259
58 900 Flash	£259

Panasonic

G3
From **£429**

Panasonic

GF3
From **£299**

Panasonic

GH2
From **£629**

Panasonic

Special Offer
From **£169**

Panasonic

7-14mm F4	£849
8mm F3.5 Fisheye	£570
25mm F1.4 Leica DG	£239
14mm F2.5 Aspherical - Unboxed	£239
14-42mm F3.5-5.6 OIS - Unboxed	£79
14-42mm F3.5-5.6 II Vario PZ OIS	£299
14-140mm F4.5-6.3 OIS	£589
20mm F1.7	£279
45-175mm F4.5-6.3 X Vario PZ OIS	£359
45mm F2.8 Leica DG OIS	£269
45-200mm F4.5-6.3 OIS	£589
100-300mm F4.5-6.3 OIS	£459

OLYMPUS

PEN E-PM1
Body **£299**
14-42mm II **£399**
Twin Lens **£549**

OLYMPUS

PEN E-PL3
Body **£379**
14-42mm II **£489**
Twin Lens **£625**

OLYMPUS

PEN E-P3
Body **£649**
14-42mm II **£749**
Twin Lens **£729**

We stock a wide range of filters from:

HOYA
Cokin
Kenko

We now have all our second hand equipment on our website

E&OE

USED Special



Leica IIIIF With D/A
Ex+
Only £499

USED Special



Leica M7 0.72 Body
Ex++
Only £1299

USED Specials from our YATE BRANCH



Leica M7 0.85 Body
Mint.
Only £1799

Fuji 1000FS Ex++...£149
Minolta Dynaflex 7000i & 35-70mm Ex++...£49
Nikon 17-55mm f2.8 AF-S Ex++...£650
Pentax K110 & 18-55mm Ex++...£249
Olympus OM-4 & 50mm f1.4 Ex++...£199
Sigma 70-210mm f4-5.6 Minifit Ex++...£30
CALL 01454 325302
to enquire or order anything in this box

USED Cameras

CANON	
A1 & MA Winder Set Ex++...	£119
EOS 5 (35mm) Body Ex++...	£89
EOS 300D Body Ex++...	£129
LEICA	
IIIF Body Ex++...	£499
M2 Body Ex++...	£799
NIKON - AF & MANUAL	
28Ti Mint...	£399
35Ti Mint...	£249
F90X & MB-D10 Ex++...	£99
FM3A Body Mint...	£399
OLYMPUS	
OM1 & 50mm f1.8 Ex++...	£99
OM1 & 50mm f1.8 Ex++...	£129
PENTAX	
KX & 55mm f1.8 Mint...	£159
MISC	
Iloca Stereogram Ex++...	£299
Weston Master V Ex++...	£39

USED Lenses

CANON - FD, EF & EF-S	
17-85mm f4-5.6 Mint...	£269
20mm f2.8 FD Ex++...	£279
20-35mm f3.5-4.5 EF Ex++...	£209
20-35mm f3.5-4.5 Mint...	£299
70-210mm f4 FD Mint...	£79
70-300mm f4-5.6 IS USM Ex++...	£329
70-300mm f4.5-5.6 DO Mint...	£849
75-200mm f4.5 FD Ex++...	£69
100-400mm 4.5-5.6L IS USM Mint...	£999
85mm f1.2L Mk II Mint...	£1449
135mm f2L Mint...	£729
Sigma 17-50mm f2.8 Mint...	£429
Sigma 28-300mm f3.5-6.3 Ex++...	£169
Zeiss 21mm f2.8 ZE Mint...	£1199
1.4x Teleconverter Mk2 Mint...	£239
STE-2 Mint...	£119
BG-E6 SDmk2 Grip Mint...	£129

USED Lenses

LEICA	
21mm f2.8 Elmarit-M Mint...	£1399
5cm f2 Summicron Ex++...	£499
Minolta Rokkor 28mm f2.8 Mint...	£399
NIKON - AF, AI, AIS	
18-35mm f3.5-4.5 Ex++...	£319
Zeiss 35mm f2 ZF Mint...	£549
85mm f2 AIS Mint...	£279
Tamron 10-24mm f3.5-4.5 Ex++...	£279
Tokina 80-400mm f4-5.6 AF Ex++...	£499
OLYMPUS	
28-48mm f4 OM Ex++...	£129
35mm f2.8 Shift OM Ex++...	£349
35-70mm f4 OM Ex++...	£69
35-105mm f3.5-4.5 OM Mint...	£99
50-250mm f5 OM Ex++...	£199
135mm f2.8 OM Ex++...	£49
200mm f4 OM Ex++...	£69
Tamron Adaptall II OM Ex++...	£199
PENTAX - PK, PKA, M42	
20mm f4.5 M42 Ex++...	£299
40-80mm f2.8-4 PK Ex++...	£59
85mm f2.2 Soft PK Mint...	£299
BRONICA	
40- PS f4 Ex++...	£349
50- PS f3.5 Ex++...	£299
65- PS f4 Ex++...	£249
110- PS f4 Macro Mint...	£349
150- PS f4 Ex++...	£199
250- PS f5.6 Ex++...	£299
SQ AE Finder Ex++...	£199
MISC	
Contax TLA 200 Flash Ex++...	£119
Leica VIOOH Finder Ex++...	£99
Rollei 16 Mutar 0.6x Ex++...	£79
Rollei 16 Mutar 1.7x Ex++...	£79
FLASHGUNS	
Canon 550EX Ex++...	£229
Nikon SB-23 Ex++...	£39
See our website for our full range of quality secondhand	

Panasonic Lumix TZ18



Lumix TZ20
14.1 megapixel 16x optical zoom
3" touchscreen
Built-in GPS
iA mode
30 photo mode
£239

Panasonic LUMIX G DMC-G2



Lumix TZ20
14.1 megapixel 16x optical zoom
3" touchscreen
Built-in GPS
iA mode
30 photo mode
£239

Leica D-LUX 5 Titanium



D-LUX 5 Titanium
SPECIAL EDITION: VERY LIMITED STOCK
Titanium-anodized exterior & premium case
Only £855

Canon IMAGE STABILISED BINOS



Some days, all binoculars will be made this way
8x25...£249
10x30...£319
10x42 L...£1269
12x36...£559
15x50...£869
18x50...£999

Canon PowerShot G12



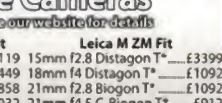
PowerShot G12
10 Megapixel, 5x Optical Zoom
2.8" Screen, 28mm Wide IS Lens
INCLUDES FREE AGES 10 CASE
Only £429

OLYMPUS TG-310 TOUGH



TG-310 TOUGH
14 megapixel 5x optical zoom
3" screen
Water, Shock, Dust, Crush & Freeze proof
Built-in GPS
£129

OLYMPUS TG-810 TOUGH



TG-810 TOUGH
14 megapixel 5x optical zoom
3" screen
Water, Shock, Dust, Crush & Freeze proof
Built-in GPS
£229

ZEISS Lenses At Ace Cameras

Canon ZE & Nikon ZF2 Fit		Leica M ZM Fit	
18mm f3.5 Distagon T*...£1119	15mm f2.8 Distagon T*...£3399	18mm f4 Distagon T*...£1092	
21mm f2.8 Distagon T*...£1449	18mm f4 Distagon T*...£1092	21mm f2.8 Biogon T*...£912	
25mm f2.8 Distagon T*...£858	21mm f2.8 Biogon T*...£912	21mm f4.5 C-Biogon T*...£912	
28mm f2 Distagon T*...£1032	21mm f4.5 C-Biogon T*...£912	25mm f2.8 Biogon T*...£822	
35mm f2 Distagon T*...£879	25mm f2.8 Biogon T*...£822	28mm f2.8 Biogon T*...£822	
50mm f1.4 Planar T*...£579	28mm f2.8 Biogon T*...£822	35mm f2.8 C-Biogon T*...£642	
50mm f2 Makro Planar T*...£1029	35mm f2.8 C-Biogon T*...£642	50mm f1.5 C-Sonnar T*...£899	
85mm f1.4 Planar T*...£1029	50mm f1.5 C-Sonnar T*...£899	50mm f2 Planar T*...£629	
100mm f2 Makro Planar T*...£1488	50mm f2 Planar T*...£629	85mm f4 Tele-Tessar T*...£702	

Part exchange is welcome, please call for an estimate

Ace Optics have been supplying top quality products & offering the best service & advice for over 25 years. If you're thinking of making a purchase & need help in making the right choice, please don't hesitate to give us a call & our friendly & knowledgeable staff will be more than happy to oblige. Complete camera systems & other items bought for cash, top prices paid, give us a try.

www.acecameras.co.uk

24 hour despatch £10 (small items £6) - Open Mon - Sat, 8.45am - 6.00pm
Prices & details correct at time of print & include VAT & E&OE

LONDON CAMERA EXCHANGE BUY - SELL - EXCHANGE MANCHESTER

T:0161 236 5819, @:manchester@LCEgroup.co.uk

Canon 17-85 IS USM	£219.00
Canon 17-85mm IS	£199.00
Canon 18-200mm IS A/F	£349.00
Canon 24-70 F2.8 EF L	£899.00
Canon 28-55 FD	£39.00
Canon 28-70mm A/F EF	£69.00
Canon 350D & 18-55is	£199.00
Canon 40D Body	£399.00
Canon 450 D + 18-55	£349.00
Canon 450D + 18-55mm IS	£359.00
Canon 450D + 18-55mm IS	£359.00
Canon 450D + 18-55mm IS	£359.00
Canon 500D & 18-55mm IS	£399.00
Canon 5D Body	£599.00
Canon 5D mk II Body	£1399.00
Canon 50D Body	£599.00
Canon 7D Body	£899.00
Canon 55-250mm IS	£139.00
Canon 55-250mm IS	£139.00
Canon 55-250mm IS	£139.00
Canon 55-250mm IS A/F	£139.00
Canon 55-250mm IS A/F	£139.00
Canon 70-200 F4 EF L	£399.00
Canon 70-200 F4 L IS USM	£749.00
Canon 70-200mm F4 L	£419.00
Canon 70-200mm F4 L	£419.00
Canon 80-200 EF	£59.00
Canon 80-200mm A/F	£59.00
Canon BG-E7 GRIP	£69.00
Canon 430EX II	£169.00
Canon 580EX	£219.00
Canon 580EX II	£259.00

Nikon 105MM F2.0 DC	£599.00
Nikon 50mm F1.8 AF-D	£89.00
Nikon 50mm F1.4 AF-D	£199.00
Nikon 105mm macro AFD	£349.00
Nikon 200mm F4 AI	£79.00
Nikon 300MM F2.8 AF-D	£1,599.00
Nikon 35-70mm F2.8 AF-D	£199.00
Nikon 55-200mm AF.	£99.00
Nikon 60MM F2.8 MACRO	£199.00
Nikon 70-300mm AF-G	£79.00
Nikon 70-200mm	£849.00
Nikon 70-200mm VR I	£999.00
Nikon 85mm f1.8 AF-D	£249.00
Nikon D 40 Body	£199.00
Nikon D 70 Body	£139.00
Nikon D 80 Body	£279.00
Nikon D 80 Body	£279.00
Nikon D200 BODY (12.5 K)	£349.00
Nikon D2X BODY	£399.00
Nikon D300 BODY	£599.00
Nikon D3 BODY	£1799.00
Nikon D5100 + 18-55 VR	£519.00
Nikon D700 BODY	£1,499.00
Nikon SB-400	£89.00
Nikon SB-600	£169.00
Nikon SB-600	£169.00
Nikon SB-700	£199.00
Nikon SB-800	£199.00
Nikon TCE 14II 1.4 CONV MK II	£199.00
Nikon TCE 17 II CONV 1.7 MK IIE	£199.00
Nikon 55-200 AF-S	£99.00
Nikon 70-210mm A/F (F4/5.6)	£69.00

Sigma 10-20mm (NIKON A/F)	£319.00
Sigma 135-400 nikon fit	£279.00
Sigma 16mm F2.8 FISH EYE MF - PENTAX	£159.00
Sigma 18-50mm F2.8 EOS Fit	£199.00
Sigma 24-70mm F2.8 (NIKON A/F)	£399.00
Sigma 24mm F2.8 (MINOLTA)	£79.00
Sigma 24mm F2.8 MK II (MINOLTA)	£79.00
Sigma 2X CONVERTER (EOS)	£99.00
Sigma 70-210 A/F MIN	£29.00
Sigma 175-400mm EOS Fit	£299.00
Sigma 150-500mm nikon Fit	£599.00
Sigma 18-50 mm F2.8 EOS Fit	£199.00

To part exchange or sell by mail
order just simply email your list of items
you want for trade to
manchester@LCEgroup.co.uk
and after agreement
we arrange collection for you.

COLLECTION MAY BE ARRANGED PART EXCHANGE WELCOME

MUCH MORE IN STORE: 37 PICCADILLY PLAZA, MANCHESTER OR WWW.LCEGROUP.CO.UK

*subject to availability
call 0161 236 5819 to check availability, condition or price.

10 December 2011 | www.amateurphotographer.co.uk | 89

WaltersPhotoVideo

Choice, value and advice



Genuine UK Stock

ORDER LINES
08453 88 11 69
CALLS CHARGED AT LOCAL RATES

Canon

WWW.WALTERSPHOTOVIDEO.CO.UK



Features

18.1 MP full frame CMOS sensor
Up to 12fps plus 14fps High speed mode
100-51200 ISO, up to H-204800
61 point AF system
100,000 pixel RGB AE metering
Full HD 1080p EOS movie
Dual "DIGIC 5+" processors
Clear View II 8.11 cm (3.2") 1,040k LCD
Ethernet port

The EOS 1D X combines speed with image quality, to create the next generation camera for professionals. Full frame 18 megapixel sensor with Dual "DIGIC 5+" processors sets the standard, and up to 12 frames per second shooting takes it beyond.

Performance redefined
Pre-Order NOW!

Season's Greetings
We wish customers old and new a very Merry Christmas and a Happy & Prosperous New Year!



Lightweight Protection

Specialist Equipment
Deserves Specialist Service

Canon

EOS Professional Centre

WE STOCK A WIDE RANGE OF QUALITY USED EQUIPMENT
PART EXCHANGE WELCOME

ALL PRODUCTS ARE UK STOCK E.&O.E. PRICES SUBJECT TO CHANGE. GOODS SUBJECT TO AVAILABILITY. ALL PRICES INCLUDE VAT AT STANDARD RATE OF 17.5%

MORRIS PHOTO SAVE YOU MORE - www.morrisphoto.co.uk

Tel: **08454 30 20 30** Helpline: **01608 649 224** facebook twitter YouTube

Unit 9, Worcester Road Trading Park, Chipping Norton, Oxon. OX 7 5XW. Fax: 01608 644555 Email: sales@morrisphoto.co.uk

Ilford Galerie Inkjet Papers

Smooth Pearl and Gloss papers feature the very latest HDR (High Dynamic Range) optically clear nanoscopic coating for outstanding imaging performance combined with the benefit of "touch dry" from the printer. The high density heavyweight base has a natural photographic white tint to produce prints with excellent colour gamut and high sharpness.

A4 pack 25 with 10 FREE **£11.25**
A4 Pack 100 **£36.95** A4 Pack 250 **£74.95**
A3 Pack 25 **£25.95** A3+ Pack 25 **£28.95**
6x4 Pack 100 **£16.95** 7x5 Pack 100 **£21.95**

FREE UK mainland delivery on all orders over £65

Lowepro Nova 170AW

Sized to carry the most popular digital SLR's; lenses; memory cards and accessories. Utility features include: overlap lid to increase protection from the elements; dual memory card pockets on interior of lid; front accessory pocket; mesh side pockets; padded strap and cushioned grab handle tailored for comfort and durability; plus a belt loop so you can wear as a backpack.

Nova 170AW Chestnut Brown **£24.97**
Nova 190AW Chestnut Brown **£34.97**

Lowepro Fastpack 250

Go all day with the lightweight, comfortable Fastpack 250 backpack. It protects your digital SLR and 15.4" widescreen notebook while providing generous storage for your other gear. Side-entry compartments let you quickly grab equipment and accessories, even while you're on the move. Customise the easy-to-access main compartment with adjustable dividers.

Fastpack 250 Backpack **£49.97**

Thinktank Streetwalker Pro

Holds a DSLR body with a 70-200 2.8 lens with hood attached. Tripod secured on the front of your bag. Front organiser includes passport pocket. Lower front pocket will support smaller monopods or tripods, drop down tripod cup for larger tripods. A seam sealed rain cover is included. Complete with removable waistbelt.

Streetwalker Pro Backpack **£119.00**
Streetwalker Backpack **£98.00**
Streetwalker HardDrive Backpack **£134.00**

Manfrotto 190CXPRO3

3-section carbon fibre tripod that is lightweight, has great rigidity combined with professional features such as the patented Q90° center column system for quick vertical-horizontal movements, an integrated levelling bubble on the magnesium top plate, 100% carbon fiber tubes (including the center column) & magnesium die castings. Closed length: 58cm. Max height: 146cm. Max height centre column down: 122cm. Min height: 8cm. Load capacity: 5 kg. Weight: 1.3kg.

190CXPRO3 Tripod **£224.95**
190CXPRO4 Tripod **£234.95**
CLAIM A FREE 324RC2 HEAD

Manfrotto 055XPROB Kit

By extending the vertical column to its highest vertical position, it can be swung around to horizontal without removing the head or disassembling the column itself, so switching between framing & positioning setups is more convenient than ever. The 804RC2 is a 3 way photo head constructed of ultra durable and lightweight technical polymer. A unique spring feature has been added to assist in the tilt motion of the head to compensate for heavier, off-center loads. Tripod weight: 2.4Kg. Closed length: 65.5cm. Max height: 176.5cm. Load: 7Kg. Head weight: 0.75Kg.

055XPROB & 804RC2 Kit **£168.99**
CLAIM A FREE VELOS V BAG

Manfrotto 055CXPRO3

Specifically designed for extreme outdoor assignments. The legs and the column are made of 100% carbon fiber combined with magnesium die-casting quick action lever locking collars. The magnesium top plate has a levelling bubble. Weight: 1.65Kg. Closed length: 65cm. Max height: 175cm. Max height centre column down: 140cm. Min height: 11.5cm. Load capacity: 8Kg.

055CXPRO3 Tripod **£249.95**
055CXPRO4 Tripod **£279.95**
CLAIM A FREE 324RC2 HEAD

TAMRAC Adventure 75

Backpack Rust/Black - Save 50% with Morris **£49.97**

Camlink Tripod Bags Special

Ideal bags for your tripods! Small bag 62x18cm compatible with (with heads): Manfrotto 055CXPRO4, 190CXPRO4, 732CY A3RC1. Silk 340DX, 300DX. Velbon E440L. Giotto MT9241B, MT9240B, MT8240B - plus others. Large bag 76x18cm compatible with (with heads): Manfrotto 190XPROB, 190CXPRO4, 190CXPRO3, 055XPROB - plus others.

Small Tripod Bag **SAVE £15 £4.95**
Large Tripod Bag **SAVE £17 £7.95**

Billingham Hadley Pro

Based on the immensely popular Billingham Hadley Original, the Hadley Pro has extra features; a carrying handle, a weatherproof zippered back pocket and the facility to accept AVEA pouches. The camera insert is removable so one day it can be a roomy, well-equipped camera bag, the next it can double as a business case or a slightly posh beach bag. It will accommodate A4 files and a small laptop.

Hadley Pro **£139.00**

X-Rite ColorMunki Photo

■ RGB & CMYK printer calibration.
■ Monitor calibration as well.
■ Small, compact & easy to use.
Color Munki Photo is the essential all-in-one colour control solution for photographers, combining speed, accuracy and a uniquely simplified approach in a convenient portable package. ColorMunki Photo is the first solution in its price range that actually reads spectral data rather than purely emulating it, offering accurate monitor-to-print matching.

ColorMunki Photo **£277.00**

Trek-Tech Trekpod Go Pro

Monopod/tripod/hiking staff multi-tool which into its included travel case and fits in a carry-on bag. It also telescopes 4" shorter than the TrekPod II in the monopod/hiking staff mode, has "soft touch" rubber locking nuts, & features new MagMount PRO quick release ball head system. Minimum height: 22in.

Trek-Tech Go Pro **SAVE £15 £94.90**

Includes the following accessory kit:
"MagMount Pro Ball & Socket Head"
"TPod (Table Tripod) inc. small ball & socket head"
"Spare plates (heavy duty with tooth grip for camera and smooth grip for flash)"
"Tightening wrench"
"OptiMount Clamp"
"Adapter for use with tripod legs (makes low level mini tripod)"

Benbo Trekker MK3 Tripod

Kit shown **SAVE £17 £129.90**

Benbo Number 1

Tripod Kit **SAVE £25 £194.95**

Benbo Number 2

Tripod Kit **SAVE £15 £244.95**

Giotto MTL9351B Tripod & MH-5011 Head Kit with

FREE MML3270B

Monopod **SAVE £15 £119.95**

BEST FOR BAGS and TERRIFIC FOR TRIPODS!

Showroom open Mon-Sat 9am till 5pm. Prices shown include VAT at current rate. All of our stock comes from U.K. suppliers - no grey. All items subject to availability. All savings shown are against SRP. E&O.E.

NEED CASH FOR CHRISTMAS BILLS?



We buy all makes and most types of photographic equipment and always offer a fair price...

... and depending on the items you ask us to quote on, you can expect us to beat most genuine offers from elsewhere, possibly by as much as **10%*** - ring or email **NOW** for a **FREE** quote!



URGENTLY REQUIRED...

All **DIGITAL** equipment. **FILM** equipment inc...
Hasselblad ~ All Leica items ~ Nikon AI/AIS lenses
Mamiya 7 & 7II equipment
CASH WAITING! CALL US NOW!
No collection too large!

www.cash4cameras.co.uk
STAFFORD CAMERAS

Unit 2, Parkside Shopping Precinct, STAFFORD. ST16 1TQ.

Email: cash4cameras@ntlworld.com

Tel: **01785 605475**

WANTED FOR CASH Exclusively... **Nikon** HIGHEST PRICES PAID

Grays of Westminster are always seeking mint or near-mint examples of Nikon equipment:

Nikon cameras, AF-D Nikkor lenses, AF-S Silent Wave Nikkor lenses, AF Micro-Nikkor lenses, Nikon Speedlights, Nikkor AIS & AI Manual Focus Lenses

Please telephone 020-7828 4925 or you can email us at info@graysofwestminster.com for our highest offer.

Grays of Westminster
- Exclusively... **Nikon**
40 Churton Street, Pimlico
London SW1V 2LP



www.graysofwestminster.co.uk

Campkins CAMERA CENTRE

11 Rose Crescent,
Cambridge CB2 3LP

PART-EXCHANGE STILL POSSIBLE

Medium Format

Bronica	
ETRIS fit 150/3.5	£190
ETRIS fit 50/2.8	£300
40/14	£280
Polaroid Back	£50
Tripod Adaptor E	£40
120 mag	£55
220 mag	£50
Prism	£100
2x PE	£120

Mamiya

RB67 Pol Back	£80
P Adaptor	£45
RB Extn Tube	£90
50/45	£399
180/45	£300
RZ67 Bellows Hood G2	£70
Prism Finder	£150
645 150/3.5	£150
75-150 Zoom	£345
300/5.6	£290
Prism Finder	£75
AE Prism	£145
105-210 Zoom	£235
120 film backs	£80
45/12.8C/645	£249.99

Leica Used

RB Body only chr	£690
28/12.8 Triple	£275
28-70 Vario R Triple	£399
75-200 Zoom Triple	£299
180/14	£350
35-70/3.5 Vario-Twin	£300
Leicaclux SL + 12/50	£380
Leica MDA body	£600
Leicaclux SL2 35/70	£599
Leica R4, 28-70	£500

50/12 Rigid Screw Summicron

Leicameter MR/M4	£1115
50/11.5 Zeiss - new - black	£999
28/3.5 Min MD	£50
90/2.8 Sigma Macro	£125
28-85 12.8/3.5 Kiron	£70
28/12 Kiron	£65
28/12 Ultron-M	£350
40/11.4 Nikon-M	£329
50/11.1 Nikon-M	£799
CL + 90/4 C	£725
D-Lux 3 boxed no case	£345
Leica 3G case	£100
M4-2 bto inc. winder	£700
Voigtlander V/F 15-35	£240
135/4.5 Tele Elmar-M	£500
12mm 15.6 Helier M	£440
2x Extender II	£830
90/2.8 Elmarit	£800
Canon BS/11.9 Serenar	£350
Jupiler II 135/4	£50

M42 Screw

135/3.5 Zeiss Sonnar	£50
35/3.5 Super Takumar	£65
35-70 2.8/4 Praktar	£45
135/3.5 Super Takumar	£49
150/4 SMC Takumar	£69
105/2.8 Super Takumar	£150

Selection of Lenses

Olympus 14-24/3.5 It E	£99.99
Olympus 35/3.5 Macro E	£170
Pentax 28/70/4 FA/AL	£70
Pentax 18-55DL	£70
Sony 18-70 DT	£130
Olympus 40-150 E System	£120
Olympus 17mm Optical V/finder	£70
C EOS 28-200mm 3.5/5.6	£255
Oly OM 200/4 Zuiko	£90
PKA 28/2.8 Vivitar	£30
Pentax BK 28/12 Kiron	£80
Screw 35/2.8 Cosina	£25
Oly OM 28-48 Zuiko	£115

Unusual Cameras

Rollei 35T (German Made)	£250
Nikon FG20 (Blk) 11.8/E	£80
Mamiya NC 1000S 11.7/50	£100
Konica A/R T 11.8/52	£100
Miranda Sensesex 2 11.8/50	£100
Pentax PM 12/58	£125
Zenit 4 12.8/50	£100
Kiev 4a, 12/50	£100
Canon Reflex II 4/50	£200
Vitessa J7 11.4/50	£100
Mamiya ZEX 11.7/50	£100
Aires Penta 35 inc 36 wide	£150
17diox 300 inc Back	£160
Rollei E110 in container	£60
EOS 1x + 2.8/90 EF	£65

Canon FD

28mm 12.8	£50
35-105 13.5	£145
135/3.5	£45
28-55 13.5/4.5	£70
85mm 1:1.8 Canon FD	£99.95

Olympus OM

28-200 Vivitar	£70
35-135 Sigma	£65
35/2.8 Zuiko	£50
35-70 13.5/4.5 Zuiko	£125
35-105 13.5/4.5 Zuiko	£125
135/3.5 Zuiko	£45
65-200 14 Zuiko	£150

LOOKING FOR ITEMS? WRITE/FAX 'E' YOUR REQUIREMENTS

Post & Packing add £6 extra - Prices include 20% VAT

Callers welcome Mon-Sat 8.45am to 5.30pm.

Tel: 01223 364223 Fax 01223 313852 www.campkinscameras.co.uk

You can Skype us

username: campkinscameras

CAMPKINS CAMERA CENTRE

11 Rose Crescent,

Cambridge CB2 3LP



5% OFF EVERYTHING!

for
amateur
Photographer

Over 6000 stocked items from most of the major brands. From cameras to memory cards you can save 5% when you shop at...

readers

Use coupon
50OFF
at checkout

Valid until
31st December 2011

tel: **01204 532325**

foto SENSE

web: www.fotosense.co.uk

cameraworld

used equipment

Items stocked at Chelmsford (C) 01245 255510 at Wells Street (W) 0207 636 5005. Please call for description of condition or before making a journey. All used equipment is covered by our NO QUibble guarantee. Items £50+ have a 6-month guarantee & items below £50 have a 7-day money back guarantee. Most items are in Excellent or Mint condition, some are even brand. If not completely satisfied, return to us within 14 days for your money back.

VISIT US ONLINE AT
cameraworld.co.uk
MAIL ORDER HOTLINE
0844 264 0664
All calls charged at local rate

BRONICA

ETR/75mm/AF W	£248
ETR/75mm/GRIP C	£280
ETR/80mm/AF C	£300
ETR/81 KIT (Phone for spec)	W £300
GS1 BODY C	£175
75mm f/2.8 E II C	£90
80mm f/2.8 PE W	£150
100mm f/4 PE W	£150
100mm f/4 PE C	£100
105mm f/3.5 MC C	£120
110mm f/4 PE C	£100
135mm f/4 PE C	£135
150mm f/3.5 PS C	£120
150mm f/3.5 MC C	£120
2X CONVERTER E	£50
AE HEAD FOR 50 C	£50
ETR SPEED GRIP C	£30
ETR POL BACK C	£25
G18 TUBE C	£20
G36 TUBES C	£20
GS1 MAGAZINE C	£30
POLAROID BACK C	£30
PRO HOOD 50 C	£25
SQ PLAIN PRISM C	£40
SQ PLAIN PRISM C	£40
SQ POLAROID BACK C	£35

CANON

EOS 300 BODY C	£302
EOS 400 BODY C	£375
EOS 300D & 18-55mm W	£155

CANON 16-35mm f/2.8L MKI

Excellent Condition
WELLS ST.
£800.00

EOS 350D BODY C	£150
EOS 400D & 18-55mm W	£260
EOS 450D & 18-55mm IS W	£325
EOS 500D & 18-55mm IS C	£462
EOS 500D & 18-55mm W	£475
EOS 550D & 18-55mm IS W	£500
EOS 600D & 18-55mm IS W	£500
EOS 600D & 18-55mm W	£500
EOS 1000D & 18-55mm IS W	£250
EOS 3 BODY C	£100
EOS 30 & 38-90mm C	£65
EOS 50E BODY & BP-50 W	£85
EOS 300 BODY C	£25
EOS 600 BODY W	£35
EOS 1000 & 35-105mm C	£65
EOS 1000F & 35-105mm C	£65
POWERSHOT 595 W	£250
Canon 28 C	£75
10-22mm f/3.5-4.5 USM EF-5 W	£480
10-22mm f/3.5-4.5 USM EF-5 W	£530
14mm f/2.8 II C	£1,750
16-35mm f/2.8L MKI USM W	£800
17-85mm f/4-5.6 IS EF-5 USM C	£230
17-85mm f/4-5.6 IS EF-5 USM W	£245
18-200mm f/3.5-5.6 EF-5 IS W	£325
24-85mm f/3.5-5.6 USM W	£195
24-85mm f/3.5-5.6 USM C	£185
24-105mm f/4L IS USM W	£700
24mm f/2.8 FD C	£51
28-135mm IS W	£265
28mm f/2.8 W	£150
35-105mm f/4.5-5.6 EF USM C	£82
35-70mm f/3.5 FD C	£35
50mm f/1.8 FD C	£15
50mm f/1.8 MK II C	£79
55-200mm f/4.5-5.6 EF-5 C	£105
55-200mm f/4.5-5.6 USM II W	£105
55-200mm f/4.5-5.6 IS USM C	£160
70-200mm f/2.8L IS C	£1,250
70-200mm f/4L USM W	£425
75-300mm f/4.5 FD W	£45
75-300mm f/4.5-5.6 EF W	£92
75-300mm f/4.5-5.6 EF C	£85
90-300mm f/4.5-5.6 EF W	£115
100-300mm f/4.5-5.6 EF C	£125
100-400mm f/4.5-5.6L C	£1,007
100mm f/2.8 USM MACRO W	£360
100mm f/3.5 FD C	£50

CANON 70-200mm f/2.8L IS USM

Mint Condition
CHELMSFORD
£1250.00

300mm f/4L USM W	£995
SIGMA 10-20mm f/4.5-6.3 DC EX W	£322
SIGMA 10-20mm f/4.5-6.3 DC EX W	£325
SIGMA 18-125mm f/1.8 OS W	£175
SIGMA 70-200mm f/2.8 APO C	£450
SIGMA 70-300mm APO MACRO C	£142
SIGMA 105mm f/2.8 MACRO C	£345

SIGMA 150-500mm f/5-6.3 OS C	£700
TAMRON 11-18mm f/4.5-5.6 IF LD C	£347
TAMRON 11-18mm f/4.5-5.6 IF LD W	£322
TAMRON 28-300mm f/3.5-6.3 XR W	£184

HASSELBLAD 501CM & 80mm

with A121
Excellent - CHELMSFORD
£750.00

TAMRON 55-200mm f/4-5.6 C	£80
TAMRON 70-300mm f/4-5.6 C	£82
TAMRON 70-300mm f/4-5.6 W	£93
TOKINA 12-24mm f/4 IF DX W	£400
RC1 C	£17
TC-80N3 REMOTE C	£80
BGE3 GRIP W	£51
VG10 GRIP EOS 5 C	£26
RS60E3 REMOTE W	£13

CONTAX

G2 OUTFIT (Phone for spec)	£600
90mm f/2.8 T* C	£160

HASSELBLAD

60mm f/3.5 CF-I C	£800
80mm f/2.8 CT* (BLACK) C	£250
150mm f/4 (CHROME) C	£150
150mm f/4 CF-I C	£800
350mm f/5.6 T* C	£550
A12 MAG (CHROME) C	£60
A12 MAG C	£90

MAMIYA

645 KIT (Phone for spec) W	£305
C220F/80mm f/2.8 C	£200
C330F/80mm f/2.8 C	£225
C3/80/135mm C	£300
37mm FISHEYE f/4.5 RZ W	£400
50mm C f/2.8 C	£95
75mm f/4.5W shift lens W	£450
80mm f/2.8 N C	£60
135mm C f/4.5 C	£125
360mm RZ f/4 W	£350
POL BACK RZ67 C	£35
WINDER II R/ANG C	£150
RZ AE PRISM W	£250
RZ POLAROID BK W	£40

NIKON

D300S BODY W	£800
D300 BODY C	£600
D200 BODY W	£420
D90 & 18-105mm W	£505
D90 BODY C	£450
D90 BODY W	£425
D80 & 18-135mm C	£450

NIKON 10.5mm f/2.8 FISHEYE

Excellent Condition
CHELMSFORD
£452.00

D80 BODY C	£300
D70S BODY W	£200
D70 & 18-55mm C	£195
D70 & 18-55mm W	£185
D60 & 18-55mm C	£234
D40 & 18-55mm C	£240
D40X BODY W	£203
D7000 BODY C	£725
D5000 & 18-55mm VR W	£375
D3000 BODY C	£225
COOLPIX P7100 W	£385
FZ2 BLACK BODY W	£700
F2 AS BODY C	£880
F3 & M4 C	£200
F45 BODY C	£300
F5 50TH ANNIVERSARY BODY W	£1,200
FA & 50mm f/1.8 W	£200
FM3A BODY W	£600
FM3A & 50mm f/1.4 AIS W	£700
FM BODY C	£105
FM2N BLACK C	£156
FE BODY W	£103
FE2 BODY W	£90
F90x & MB-10 C	£98
F90x & MB-10 W	£105
F80 & 28-100mm C	£82
F80 & 35-70mm C	£92
F65 BODY W	£51
F60 & 35-80mm C	£54
PRONEA S & 30-60mm C	£42
LITE TOUCH 70WS C	£22
10.5mm FISHEYE f/2.8 DX C	£478
10.5mm FISHEYE f/2.8 DX W	£452
17-55mm f/2.8 DX C	£902
18-70mm f/3.5-5.6 C	£182
18mm f/4 AI C	£650
18-105mm AF-5 VR W	£154
18-105mm f/3.5-5.6 VR C	£150
18-135mm VR W	£125

18-200mm VR f/3.5-5.6 VR MKI C	£350
24-120mm f/3.5-5.6 G VR C	£220
24-120mm f/3.5-5.6 VR W	£195
28mm f/2.8 D W	£165
28mm f/3.5 NON AI C	£70
28-85mm f/3.5-4.5 W	£105
28-200mm f/3.5-5.6 AF-D W	£225
35-105mm AI C	£115
43-86mm f/3.5 C	£60
43-86mm NON AI W	£56
50mm f/1.8G AF-5 DX C	£142
50mm f/1.8 AI C	£100
50mm f/2 NON AI C	£70
55-200mm f/4.5-5.6 C	£82
55-200mm f/4.5-5.6 VR C	£155
70-300mm f/4.5-5.6 VR W	£340
70-300mm f/4.5-5.6 VR C	£360
70-300mm f/4.5-5.6 ED W	£140
80-400mm f/4.5-5.6D VR C	£900
80-400mm f/4.5-5.6D VR W	£950
85mm f/1.8D C	£272
105mm f/2D AF DC W	£675
105mm f/2 AI C	£135

NIKON 80-400mm f/4.5-5.6D VR

Excellent Condition
CHELMSFORD
£900.00

135mm f/2.8 AI C	£125
180mm f/2.8 AI C	£154
200mm f/4 AI C	£145
TC16-A CONVERTER C	£101
SIGMA 12-24mm f/4.5-5.6 W	£500
SIGMA 12-24mm f/4.5-5.6 C	£480
SIGMA 18-200mm f/3.5-6.3 DC C	£123
SIGMA 70-300mm f/4-5.6 DG C	£95
SIGMA 70-300mm f/4-5.6 C	£65
120-400mm f/4.5-5.6 DG OS W	£649
SIGMA 150mm f/2.8 W	£400
50-500mm f/5-6.3 APO OS C	£757
TAMRON 18-250mm f/3.5-6.3 C	£289
18-270mm f/3.5-6.3 VC PZD W	£305
TAMRON 28-300mm f/3.8-6.3 Di C	£178
TAMRON 28-300mm f/3.8-5.6 C	£100
TAMRON 70-300mm f/4-5.6 VC W	£275
TELEPLUS 1.5x Tele-Converter C	£80
TOKINA 12-24mm 14 AT-X C	£350
TOKINA 28-80mm f/2.8 ATX PRO C	£397

NIKON F5 50th ANNIVERSARY

Excellent Condition
WELLS ST.
£1200.00

AR-3 RELEASE C	£12
DR-3 RIGHT ANGLE C	£110
M2 TUBE C	£20
MD-12 DRIVE FOR F3 W	£34
MD-4 DRIVE FOR F3 C	£55
MB-D10 GRIP C	£200
MB-D200 GRIP W	£99
MB-D200 GRIP C	£80
MD11 DRIVE W	£51
MC12A C	£120
MC25 2 PIN ADAP C	£40
MD-12 C	£47
S822 C	£47
S8295 SPEEDLITE C	£190
S8800X C	£40
SC17 TTL C	£30
SC29 SB700/900 C	£40
SU-4 CONTROLLER C	£40
TC-17E II C	£250
SC17 W	£30
MARUMI DR14 RINGFLASH W	£101

OLYMPUS

E-420 BODY W	£205
E-450 & 14-42mm W	£256
E-500 BODY C	£200
PE-E-PL1 & 14-42mm W	£200
PE-E-P2 & 17mm W	£405
OM20 BODY C	£65
OM10 BODY & MANUAL ADAPTER W	£61
OM4 & T20 C	£125
OM4 BODY W	£125
TRIP 35 C	£45
35SP C	£165
PEN E3 C	£125
XA2 BA11 FLASH C	£90
9-18mm f/4-5.6 C	£450
14-45mm f/3.5-6.3 W	£80
14-140mm C	£400
28mm f/2.8 ZUIKO C	£41
28-48mm ZUIKO f/4 C	£60
50mm f/1.4 ZUIKO C	£35
75-150mm f/4 ZUIKO C	£40

135mm f/3.5 ZUIKO C	£30
7mm EXT TUBE C	£20
14mm EXT TUBE C	£20
25mm EXT TUBE C	£20
TOKINA 28-70mm f/2.8 OM W	£32

PANASONIC

GH1 BODY W	£300
------------	------

NIKON 1 V1 TWIN KIT

Mint & Boxed!
WELLS ST.
£800.00

GH1 BODY C	£300
GF1 BODY C	£225
GF1 BODY W	£215
G2 & 14-42mm W	£285
G2 BODY W	£260
LUMIX TZ20 W	£160
LUMIX FX55 C	£140
LUMIX FZ45 W	£183
14mm f/2.5 W	£205
14-45mm f/3.5-5.6 W	£147
14-140mm f/4.5-5.6G VARIO W	£630
45-200mm f/4.5-5.6 ASPH. OIS W	£204

PENTAX

MZ50 Body Only W	£43
ME SUPER & 50mm f/1.8 W	£55
P50 KIT (Phone for spec) W	£43
67 with grip & 45mm f/4 C	£575
645 & 75mm C	£450
20mm F4 SMC-M C	£150
80-200mm f/4.5 C	£42
135mm f/2.8 A C	£50
RICOH 50mm f/2 PK FIT W	£16
SPOTMETER V C	£90
AF 360 FLASH W	£140
AF200S FLASH W	£21
ANGLE FINDER K W	£31

SONY / MINOLTA

NEX 5 & 18-55mm C	£305
A55 & 18-70mm W	£449
A230 & 18-55mm W	£255
A300 & 18-70mm C	£240
A300 & 18-70mm & Grip W	£295
MINOLTA 500Si & 28-80mm W	£49
MINOLTA 600Si & GRIP W	£85
MINOLTA 700Si BODY W	£75
MINOLTA 700 & 50/1.7 W	£102
18-55mm f/3.5-4.5 W	£50
18-70mm f/3.5-5.6 W	£110
30mm f/2.8 SAM W	£125
MINOLTA 35mm f/1.4 AF C	£600
MINOLTA 50mm f/1.7 AF W	£120
MINOLTA 75-300mm f/4.5-5.6 W	£80

MINOLTA 35mm f/1.4

Excellent Condition
CHELMSFORD
£600.00

MINOLTA 75-300mm f/4.5-5.6 W	£80
MINOLTA 80-200mm f/4.5-5.6 XI W	£81
MINOLTA 100-300mm f/4.5-5.6 XI W	£70
SIGMA 10-20mm f/4.5-6.3 EX DC W	£320
SIGMA 18-50mm f/2.8 EX W	£152
SIGMA 18-250mm f/3.5-6.3 DC C	£315
SIGMA 24mm f/1.8 W	£290
TAMRON 28-200mm f/3.8-5.6 VR W	£102
TAMRON 55-200mm f/4.5-5.6 LD II W	£82
BP-A350 BATTERY GRIP W	£103
PHOTOIX B P-A350 B/GRIP W	£45

MISC.

FUJI GSW690 III W	£630
FUJI GA645W W	£499
FUJI GA645Z W	£499
ROLLEI 35 LED & FLASH C	£84
LEICA C11 W	£75
YASHICA FR & 50mm f/1.9 C	£85
YASHICA FR1 & 28mm f/2.8 C	£95
ZEISS IKON SUPER W	£200
WESTON MASTER V Mextor Inc cone	£55
EXPADISC 72mm W/Balance Boxed C	£50
DATACOLOR Spyder 3 Print C	£120
LEITZ 135mm f/4 Tele Elmar C	£350

FUJIFILM GSW690

amateur Photographer CLASSIFIED

Cameras For Sale

THE JOHN PREDDY COMPANY LTD

BUCKLAND & H.A. BAKER LTD
PHOTOGRAPHIC

Photographic Specialists



PENTAX - Q
NOW IN STORE

£100 CASHBACK
UNTIL 31ST DEC

CHRISTMAS BARGAIN
FREE SPARE BATTERY
& FREE WRAP-OVER CASE
ONLY £279.99



OLYMPUS PEN E-PL1

From the Creators of Micro Four Thirds



Buckland Photographic
36 Church Street, Seaford
01323894643
H A Baker Ltd
44 High Street, Lewes
01273476479

MALCOLM TAYLOR FOR CLASSIC LEICA

SALES & REPAIRS SERVICE

Good stock of used Leica bodies, lenses and accessories available. Fully equipped workshop on premises for repair and service of your classic Leicas, R/F Nikons and Canons including accessories and lenses and also vacuum coating facilities. Request list and details. M8-M9 Bit coding of lenses ASK.

* Adhesive back foam now available *
Upper Lye Farm, Aymestrey, Hereford HR6 9SZ.

Tel: 01568 770542

NIKON D50 BO with battery grip and 4 batteries, remote release, ball and socket head plus SD card. £150. 01745 356854

CANON S95 COMPACT with spare battery, boxed with all leads and software etc. £175 plus P&P. Tel: 01922 416886 or 07901 651926. West Midlands.

Black & White Processing

Professional B/W colour printing. Hand Processing all types of films from 35m-5x4 Develop and Contacts £5.50 each 2 or more film £4.50 each Develop, 5x7s @ £12 per roll All printed on genuine b/w, colour papers. Phone for price list of all services: 01442 231993 Send cheque + £2 All work sent back recorded delivery Karl Howard, 16 Chalfont Close, Hemel Hempstead, Hertfordshire, HP2 7JR

Camera Fairs

CAMERA FAIR BEACONSFIELD. Sunday 18th December, 10.30am-2.30pm. Beaconsfield School, Watlington Rd, Beaconsfield, HP9 1SJ. M40 junc 2 close M25. This is now a no smoking site. Adm early bird 9:15am £4 after 10:30am £2. Refreshments. Details Peter Levinson Tel: 0208 205 1518

CAMERA FAIR LEEDS Sun Dec 18th, 10am. Boston Spa, Village Hall, Just off A1. 07979913156

Wanted

WANTED FOR CASH OR COMMISSION

Digital: Nikon D2H, D2Hs, D2X, D2Xs, D3, D3x, D3s, D60, D80, D90, D200, D300, D300s, D700, D3000, D5000

Canon EOS 1Ds II/III, 1D II/III/IV, 5d II/I, 7d, 30d, 40d, 50d, 350d, 400d, 450d, 500d, 550d, G9, G10, G11, S90

Late high-end Olympus, Panasonic Lumix, Pentax, Ricoh, Sony Leica M8, M8-2, M9, DMR, X1, D-lux 3, D-lux 4, Epson RD1/1s Late high-end Minolta, Sigma, Tamron and Tokina lenses

Film: Alpa, Angenieux, Arca Swiss, Contax, Ebony, Fotoman, Fuji 6X7 up to 6X17, Hasselblad, Horseman, Konica Hexar AF Kinoptik, Leica R, Leica M, Leica copies, Linhof, Mamiya 6 and 7 Nikon, Plaubel, Rodenstock, Rollei, Schneider, Sinar, Toyo Voigtlander Bessa, Zeiss Contarex, current Zeiss Ikon.

Must be in nice condition! Estate sales welcome.

Contact us now for our best price. We can arrange collection for large outfits or high value items.

Tel: 01963 371633 Fax: 01963 370719

Email: pwalnes@truemesh.com Website: www.peterwalnes.com Peter Walnes, PO Box 3888, Templecombe, Somerset BA8 0WZ

Camera Repairs



All cameras repaired.
Specialists in Konica Minolta and Fuji
Camera Repair Workshop

Unit 9 Wharfside, Bletchley, Milton Keynes, MK2 9AZ
Phone: 01908 378 088 Fax 07812 427 677
Email: cameraworkshop@tiscali.co.uk

Accessories

★ SPECIAL OFFERS ★ CLEARANCE OFFERS ★ END OF LINES ★

<p>CLIP-ON LENS CAPS 27, 28, 30, 34, 37mm £2.99 each 40.5, 43, 46, 48, 49mm £3.35 each 52, 55, 58, 62mm £3.65 each 67, 72, 77, 82, 86mm £3.99 each</p> <p>CLEARANCE PRICES ON Konica Digital Circular Polarizer 49mm £11.99 57mm £19.99 72mm £24.99 77mm £26.99</p> <p>NEW HOYA MULTI-COATED SLIM DIGITAL UV FILTERS 49mm £9.99 52mm £10.99 55mm £11.99 58mm £12.99 62mm £13.99 67mm £14.99 72mm £17.99 77mm £19.99</p> <p>HOYA SLIM (5mm) DIGITAL CIRCULAR POLARIZER 58mm £30.50 62mm £33.95 72mm £43.50 77mm £47.50</p> <p>HOYA WARM TONE CIRCULAR POLARIZERS 55mm £19.95 67mm £29.95</p> <p>HOYA CIRCULAR POLARIZER AND UV FILTER COMBINED 49mm £24.50 55mm £24.95 58mm £27.50 62mm £24.95</p> <p>LINEAR POLARIZING FILTERS to clear (for Manual Focus only) 49mm £2.50 52mm £3.50</p> <p>WIDE ANGLE LENS HOODS 49, 52, 55mm (rubber) £6.49 58, 62, 67mm (rubber) £7.49</p> <p>RUBBER LENS HOODS 46, 49, 52, 55mm £3.99 each 58, 62, 67, 72mm £5.35 each</p> <p>KOOD FILTER WRENCH SET 46-58mm £2.99 62-77mm £3.99</p> <p>NEW JAPANESE AICO YELLOW/GREEN FILTERS for Black & White £3.99 each in 55mm 62mm 67mm</p> <p>LAST FEW HOYA 40.5 NDx4 85C or 81A to clear £6.99 each</p> <p>HOYA 39mm NDx4 £6.99 HOYA 24mm YelNDx4 £4.99</p>	<p>BANKRUPT STOCK COKIN A FILTERS to clear £1.99 each Orange, Red, Green, Sepia, 85B Blue 80C, Star 8, Spot Incolor 1 C Spot Grey 1, Champagne Oval Many more filters available - please ring for description</p> <p>BANKRUPT STOCK COKIN P FILTERS - to clear £4.99 each P028, P031, P036, P102, P201</p> <p>NEW UNROSS X-PRESS CHARGER & FOUR 1300mAh BATTERIES to clear £8.95</p> <p>COLLECTABLE CAMERAS Corway Box Camera (120) £8.95 Ador 120 Folder & Case £9.99 Retinette 1B and Case £9.95 Voigtlander Vito B (Skopar) £44.99 Part-exchange welcome</p> <p>SECOND HAND BOOKS Newspaper Photography £3.99 Photographer's Handbook £3.99 Guide to Photography £4.99 Many more books check website</p> <p>S/H CANON EOS GEAR Canon EOS 500D Body £18.95 Canon EOS 60D £18.50 Canon EOS 50D Body £23.50 Sigma 70/210mm 1:4.5/6 £29.95 Canon Speedlite 200E £9.95</p> <p>LEITZ MINILUX BOXED AS NEW 40mm 1:2.4 Summarit, Cable Release Part-exchange welcome £249.95</p> <p>OLYMPUS OM10 KIT 50mm 1:1.8 Lens, Skylight, Hood, Flashgun, 80/200mm Zoom Lens, Gadget Bag 2X Converter - the lot - £49.95</p> <p>ZENITH PHOTOSNIPE KIT 58mm 1:1.8 Lens, 5 Filters Flashgun, Lens Hood, Gadget Bag £79.95 part ex welcome</p> <p>MINOLTA 7000 KIT 7000 Body, 35/70mm Zoom Lens, Flashgun, Sky, Hood, G/Bag the lot £43.50</p> <p>£2.00 POST/PACK PER ORDER</p>	<p>KOOD STEP-UP/STEP DOWN RINGS 1,000s in stock - tel for details</p> <p>S/H ZENITH 12XP KIT 12XP Body, 58mm 1:2 Lens, Sky Filter, Lens Hood, 2X Converter, Flashgun & Gadget Bag £27.50</p> <p>S/H PENTAX P50 KIT Pentax P50 Body, 35/70mm Zoom Lens, Sky Filter, Lens Hood, Flashgun, Gadget Bag £38.95</p> <p>S/H CANON FD GEAR - to clear Ilorenz 28mm 1:2.8 £9.95 Canon 28mm 1:2.8 FD Lens £19.95 Tokina SD 28/70mm f3.5/4.5 £17.50 Hoya 35/75mm 1:4 Zoom £19.95 Hanimex 72/162mm f3.5 £9.95 Hanimex 80/200mm 1:4 £19.95 Kiron 80/200mm 1:4 £14.95 Tokina 80/200mm 1:4 £26.50 Canon FD 70/210mm 1:4 £4.99 2X Converter & Case £4.99 Part-Exchange Welcome</p> <p>CABLE RELEASES to clear 8" £1.99 10" £2.99 15" £3.99</p> <p>S/H M42 AUTO LENSES Hanimex 28mm 1:2.8 £10.95 Sigma 80/200mm 1:4.5/5.6 £16.50 New Sekonic L188 (boxed) £1.99 3X Converter £6.99 Set of 3 Extension Tubes £4.99</p> <p>S/H EXPOSURE METERS Boots KL-6 (boxed) £2.75 Hanimex PR-60 CDS £3.75 Sekonic and Case £3.99 Leningrad 4 and Case £6.99 Weston Master 2 and Case £11.95 Prinzlike CDS LED readout £12.95 New Sekonic L188 (boxed) £39.95 Weston Euromaster & Case £44.95</p> <p>HARD LENS CASES to clear Small £2.99 Med £3.99 Large £5.99</p> <p>S/H MPP MICROCORD 2 1/4 SO 77.5mm Xpress Lens, Case, Yellow Filter - nice condition £79.95 Part-exchange welcome</p>
--	--	--

Mail Orders by return, ask for Trish, Dave or Dennis
Tel: 0161 336 4603

OPEN MON - FRI 11am - 3.30pm
www.ukfiltercentre.co.uk




67 Manchester Road
Denton, Manchester M34 2AF
norton.d@btconnect.com

Teddington Photographic
Buy and sell used photographic equipment
www.teddingtonphotographic.com
020 8977 1064

Accessories

Photographic Backgrounds

Hard wearing • Low crease • Washable

			PLAIN
8' x 8'	8' x 12'	8' x 16'	£15 PLUS P&P
			£29

10 COLOURS INC BLACK, WHITE & CHROMA COLOURS

			CLOUDED
8' x 8'	8' x 12'	8' x 16'	£27 PLUS P&P
			£44

20 COLOURS. SPECIAL OFFER: 8 x 12 CLOUDED - 2 FOR £80 OR 3 FOR £115

01457 764140 for free colour brochure or visit
www.colourscape.co.uk

Specialist Repairers

Newton Ellis & Co

CLASSIC CAMERA REPAIR SPECIALISTS

Tel: 0151 236 1391

Postal service available

Repairs to all photographic equipment cameras (classic, modern and digital) lenses, camcorders, binoculars, etc
29 Cheapside, Liverpool L2 2DY
www.newtonellis.com



WANTED

Good condition/high end digital cameras, lenses & kit by Canon EOS, Nikon etc.

H'blad, Leica, Mamiya, Sigma.....
.....anything of quality considered!

Good prices paid by cash or cheque

Courier collection available, dealer enquiries welcomed

Call 01522 514131 or
email lincoln@lcegroup.co.uk

Consumables

GIVAWAY WIN A I-VISOR LSP
LAPTOP BAG WORTH \$199.
HTTP://MSP.AC.IVISOR

Internet Services

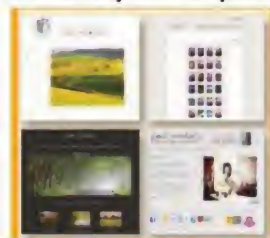
clikpic

Websites for photographers

Amazing websites for only £40 p.a.

"I recommend Clikpic to any photographers thinking of building a website."
Amateur Photographer magazine

"Building the website was uncomplicated and completely hassle-free."
Digital Photo magazine



Visit www.clikpic.com for a FREE 14 day trial

Holidays & Courses

Photographmenorca.com

NEW for 2011...

Short break photographic workshops

located in idyllic Menorca (Balearics)

- Small groups of up to 8 only with two dedicated experienced photographers to help & inspire you
- Hotel accommodation, some meals, Airport pick ups (Mahon only), great photo expeditions - all included!
- Now booking long weekends (Fri Sat Sun) during **May / June & Sept / Oct 2011**

Whether you are a beginner or enthusiast:

- Get more from your photography with a memorable weekend 'away from it all' in beautiful MENORCA (a little over 2 hrs from UK airports...)
- Learn simple techniques for taking better pictures: (Composition / Lighting / Landscapes / Sunsets / Architecture / photo critique)

For more information log onto www.photographmenorca.com or contact Martin (UK) on 07803 605955

Holidays & Courses

Photographers on Safari

Email: info@photographersonsafari.com
www.photographersonsafari.com



British Wildlife Centre, Surrey
Photograph Foxes, & hopefully their cubs, in special golden light through to sunset. Inside enclosures with Foxes, Otters & Wildcat. Deer, Owls, Harvest Mice, Frogs, Polecats, Hedgehog. Jun 27, 28, July 2, £129
Cheetahs, Wolves, Corsac Foxes, Lions, plus various Birds of Prey, Cambridgeshire
Special access. Static & flight bird shots. Cheetahs & Tigers in superb natural settings. Bengal & White Tiger, Red Maned Wolves, Foxes. Mar 10, 24 Apr 14th £99

Golden Eagle Experience, Leics.
Max 8 persons. Static & flying of Golden Eagle in stunning woodland location. Other birds of prey. Buzzard, Owls, Hawk etc. March 11, 25, Apr 15 £109

Bats in Flight & Fill-in Flash, Oxford
Indoor & outdoor venue. Max 4 persons. Expert tuition & free loan of equipment if req'd. May 17, 22nd £119

Gorillas, Monkeys, Binturong, African Safari
Port Lympe, Kent. Superb privileged access to Gorillas. 3 Sessions. No wire or fences. VIP off-road African Safari in open vehicle. Zebra, Ostrich, Eland, Wildebeest, Black Rhino, Giraffe, Deer, Colobus Monkeys. March 18, April 7, 9th, May 6th £149

Small Cats Workshop, Herts
Snow Leopards & cubs, Amur Leopards, Pumas, Lynx, Caracals, Bobcat, Clouded Leopard, Serval, Geoffroy's Cat, Pallas Cats July 18th, 19th, 24th, 27th £89

Professional Birds of Prey Shoot, Cambridgeshire, Northumberland. NEW!!!!!!
Amazing photography opportunities in one of the most beautiful locations around. Hill top views. Rocks, stone walls, single trees and gorse bushes abound. Golden Eagle, Peregrine Falcon, Merlin and another bird of prey will be placed in really natural situations. One jess will be removed for perfect "in the wild" shots. Can be combined with Bass/Farne. June 22 23 24 25 £139

Jaguar, Brown Bears & Big Cats, Dartmoor
HIGHLY RECOMMENDED. Privileged access to, and private feeding of Jaguar, Amur Tigers, Cheetah, Raccoons, Otters, Brown Bears, Vervet Monkeys & Lions. Superb large enclosures for "in the wild" shots. Also selection of Agouti, Llama, Alpaca, Wolves, Lynx, Ostrich, Deer. May 18, 21st, £129 - May 19, 20th £139

Big Cats & Tiger Cubs Workshop, Kent
Lions, Tigers, Leopards, Cheetahs, Pumas, Lynx, & Serval etc. Get amazingly close. Great photo opportunities. Now with White Lion & White Tiger. Two Lion cubs born August 2011. More births expected in 2011. UK's most popular wildlife photography location. March 17th, April 6th, 8th, May 7th £139

Big Cats & Tiger Cubs Pro Workshop,
This is the same workshop as above, but with just SIX photographers. People of all abilities welcome. Lunch-time photo critique. More personal interaction with Cats March 16th, 19th, April 5th, 10th, May 4th, 8th £199
Gift Vouchers available for any Workshop/value

Farne Islands Puffins (Northumberland)
Approx 5 1/2 hours on islands. 20 species birds. 70,000 Puffins. Can also combine with Bass Rock. Guillemot, Razorbill, Shag, Arctic Terns etc. Tips & Tuition. June 8th, 10th, 16th, 18th, 21st £89

Bass Rock Gannets (60 miles north Farne Is.)
Private boat. Exclusive use of Island. 150,000 Gannets. Absolutely amazing Photos. 5 hours on rock 'til 'sunset'. Get really close. Gannets diving for large box of fish. June 9th, 11th, 15th, 17th, 20th £179

Birds of Prey, Bedfordshire
Private flying displays on pre-determined flight paths for hard to get in-flight shots. Super static photos. Now including Red Tailed Kites & Long Eared Owls. Various Eagles, Hawks, Owls, Falcons. Apr 21st, 22nd £99



For more information, please visit the website or call John Wright on 01664 474040 or 07779 648850 (preferred). We will be most happy to discuss any workshop in detail, or to send more detailed leaflets to anyone without internet access.
Photographers on Safari, West End Studios, 55 Stapleford Road, Whissendine, Oakham, Rutland. LE15 7HF

Digitise your Archive

Offer ends 31st December 2011



just 60p per scan

Allow us to scan your 35mm & 120 archived film at this incredible offer price

Minimum of 15 originals per order. Price includes CD.
Images open up to 25Mb and are suitable for prints up to 12" x 8".
The scans created via this service are not colour corrected or restored.

First Class Return Post and Packaging £3.50 per order
Special Delivery £7.00 per order (recommended)

Cheque, PO or credit card details with order please to
PEAK IMAGING, Dept AP16, FREEPOST RLSY-YZJX-SLXC, Sheffield S20 3PP

Film Processing

Highly skilled staff, state of the art equipment, same day turnaround, safe travel packaging, great prices!

You shoot film for a reason!
Choose your processing lab for the same reason...

Quality!!

By reputation Peak Imaging is the UK's
No 1 Film Processing Laboratory

Same day return

Professional monitored process control. High quality sleeves / plastic mounts & boxes.

Film type/no of exp.	Sleeved	E6 Mounted
135/24 exp.	4.13	6.23
135/36 exp.	4.44	6.94
120 Roll Film	4.13	---
5 x 4 Sheet Film	2.75	---

Speed changes - Add £1.10 per film



Film Processing Discounts

5 - 9 rolls : 5% off 10 - 24 rolls : 10% off 25+ rolls : 15% off

First Class Return Post and Packaging £3.50 per order
£1.75 for a single film (cut into strips) - process only

**PEAK IMAGING, Dept AP16,
FREEPOST RLSY-YZJX-SLXC,
Sheffield S20 3PP**

Tel : 0114 224 3207
Email : sales@peak-imaging.com

All prices INCLUDE VAT

All prices shown are in pounds sterling and are inclusive of VAT.
Overseas customers credit card only - postage will be charged at cost.
Please ensure that films are packed in a strong padded envelope.
Liability limited to value of unexposed material only, items of special value must be insured. Full terms and conditions of business can be found in our price guide and on our website.

PEAK
imaging
www.peak-imaging.com

Insurance



**Aaduki
Multimedia**

QUOTE AND BUY ONLINE
24 HOURS A DAY

EQUIPMENT, LIABILITY
AND
PROFESSIONAL
INDEMNITY

01837 658880

WWW.AADUKI.COM

Wanted

Peter Loy

COLLECTABLE CAMERA SPECIALISTS

**CAMERA COLLECTIONS
WANTED**

Tel: +44 (0)20 8867 2751

Call us - we can come to you
(UK & Europe)

www.peterloy.com

TV Presenter * Acting * Photography * Cinema * TV

LONDON ACADEMY
OF MEDIA FILM & TV

Photography School

UK's LEADING PROVIDER OF MEDIA COURSES

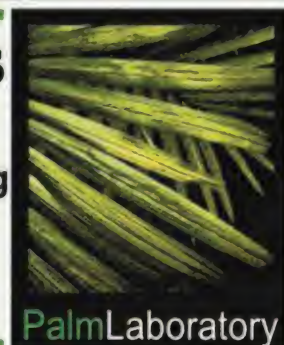
WWW.MEDIA-COURSES.COM 0870 62 65 100

Printing

Palm Labs Photographic Processing & Printing

Palm Laboratory Ltd
69 Rea Street
Birmingham B5 6BB

Established Over 25 Years



- Film Processing
- E6 / Slide / C41 / Neg / B&W
- Process & Print Packages on Kodak Paper
- Digital Package Deals on Kodak Paper
- 35mm / 120 / 5x4 / 10x8 Film's
- Traditional Black & White on Ilford Paper
- Optical Colour Handprints on Kodak Paper
- Drum & Package Scanning Services
- Photographic Poster's on Kodak Paper
- Exhibition & Gallery Print's on Kodak Endura
- Real Photographic Book's on Kodak Paper
- Restoration & Copying Services
- Mounting Services • Metallic / Gloss / Matt Paper
- Friendly Advice • Postal Service

0121 622 5504

www.palmlabs.co.uk
palmlabs@btconnect.com



ROGER HICKS

Our position in society is reflected not by our possessions, but by our attitude to how those possessions are valued

A WHILE ago, you may have noticed, Leica Null-Serie number 107 sold for \$1,900,000 (about £1.2 million) at auction. I have not the faintest idea who bought it, but it did set me thinking about riches and priorities. What is something 'worth'? A Leica M9 costs nearly £5,000, which is around the price of a Tata Nano car, but then, a 'complicated' wristwatch (it's a technical term, apparently) can cost even more. Are they 'worth' the money?

The obvious answer is, 'Yes, if there are people willing to pay that much.' This immediately raises at least two other questions. First, how did they get the money? After all, there can be a big difference between being paid a million pounds a year and actually earning a million pounds a year. That's assuming the money was neither inherited nor stolen. Second, regardless of how they got the money, is it legitimate to say that how they spend it is no one else's concern?

The answer to the second, clearly, is that society as a whole does not think so, otherwise there would not be compulsory taxes. But even then, we are still taking a very blinkered view of things: we're still talking about money.

Or are we? As soon as we start talking about 'society', we are talking about living together: about how each of us depends on other people. Anyone who thinks that his success is the result purely of his own intelligence and hard work is clearly not very intelligent. At the most basic, his parents didn't abandon him to starve. After that, he went to school and learned to read and write, travelling, of course, on roads that were paid for by taxes, and protected from murder and robbery by police that were paid for by taxes. If he went to university, he learned from other people who had chosen to work in that environment, and at the university canteen his food was cooked by other people. We are all interdependent.

A common response to this, from the financially overprivileged, is, 'Why should I care who cooks my food? There is always somebody else who will take the job.' Well, yes, but this is where lack of intelligence again manifests itself. If someone else can do their job, then someone else can probably do your job,

too. They might not do it the same way, and they might not do it as well, but equally, they might do it better. As for the argument that stupid people deserve to be paid less than intelligent ones, this raises some interesting questions about the nature of 'deserve', along with questions about luck and accidents of birth.

So let's assume that we live in a society with (reasonably) progressive taxes and (reasonably) equal access to education. That we live, indeed, in a society of material superabundance, where there is more than enough for everyone, in the sense of food, shelter and

clothing, so that once our basic needs are taken care of, we can afford to choose different priorities. We can buy clothes that are more than merely functional; we can buy food that is more than we need merely to sustain life; we can buy books, magazines and electronic gadgets.

As soon as we juxtapose 'books, magazines and electronic gadgets', the question of priorities is

made abundantly clear. We all know people who never buy books; we all know people who buy electronic gadgets only when they have to. We also know people whose houses are full of teetering piles of books, and people who must have the latest model of whatever gadget is fashionable at the moment, such as iPads, iPods and computers.

This brings us back to the questions raised in the first paragraph. What are things 'worth'? William Morris famously said: 'Have nothing in your house that you do not know to be useful, or believe to be beautiful.' There is, however, a third category: investment, which is essentially a shared belief in value. Would the buyer of the Null-Serie Leica have paid \$1.9 million if he didn't believe that other people thought it was valuable, too? I'm not talking about prestige because, after all, plenty of rare and valuable things are bought by anonymous buyers and disappear into private collections, so they aren't bought to show off. No, this is a question of how society values something, or at least, of how a certain section of society values things. We may do well to ruminate upon how our own position in society is reflected not by our possessions, but by our attitude to how those possessions are valued. **AP**

Roger Hicks is a much published author on photography. He has written more than three dozen books on the subject, many in partnership with his wife Frances Schultz. He has been a freelance photographer/writer since 1981, contributing to many magazines. Visit his website at www.rogerandfrances.com

Editorial

Amateur Photographer, IPC Media, Blue Fin Building, 110 Southwark Street, London SE1 0SU

Telephone 0203 148 4138 Fax 0203 148 8123

Email amateurphotographer@ipcmedia.com

Picture returns: Telephone 0203 148 4121

Email appicturedesk@ipcmedia.com

Subscriptions

Email ipcsubs@quadrantsubs.com

Telephone +44 (0) 844 848 0848

One year (51 issues) UK £132.60; Europe/Eire €238.18;

USA \$338.54; Rest of World £223.67 (all air mail).

Test Reports

Contact OTC for copies of camera test reports published in AP.

Telephone 01707 273 773.

Advertising

Amateur Photographer, IPC Media, Blue Fin Building, 110 Southwark Street, London SE1 0SU. Telephone 0203 148 2516

Email mark_rankine@ipcmedia.com

Classified telephone 0203 148 2929. Fax: 0203 148 8158

Display telephone 0203 148 2516. Fax: 0203 148 8158

Inserts call Innovator on 0203 148 3710

Editorial team

Editor	Damien Demolder
Editor's PA	Christine Lay
Deputy/Technical Editor	Mat Gallagher
Art Editor	Mark Jacobs
Production Editor	Lesley Upton
News Editor	Chris Cheesman
Deputy Production Editor	Breandan Maguire
Deputy Art Editor	Simon Warren
Features Editor	Gemma Padley
Designer	Antony Green
Technical Writer	Richard Sibley
Senior Sub Editor	Oliver Cotton
Technical Writer	Tim Coleman
Features Writer	Oliver Atwell
Photo-Science Consultant	Professor Robert Newman
Studio Manager	Andrew Sydenham
Picture Researcher	Rosie Barratt

Special thanks to The moderators of the

AP website Andrew Robertson, Chris Cool, Fenris Oswin, Henry Rogers, lisadb, Nick Roberts, The Fat Controller

Contributor Ian Farrell

Advertising team

Group Advertisement Manager	Mark Rankine	0203 148 2516
Senior Display Sales Exec	Simon Gerard	0203 148 2510
Display Sales Exec	Richard Mann	0203 148 2637
Area Manager Midlands & North	Rob Selvey	01922 412 720
Group Digital Sales Manager	Mark Rankine	0203 148 2516
Classified Sales Executive	Wendy Robertson	0203 148 2929
Display Ad Production	John Jones	0203 148 2671
Copy Chaser	Kumu Vithiani	0203 148 2645

Marketing and promotions

Senior Marketing Manager	Estelle Hicks-Bennett	0203 148 4321
Online Manager	Karen Sheard	0203 148 4943
SPI Administrator	Nadine Thomas	0203 148 4326

Inserts Innovator Telephone 0203 148 3710

Repro Camden Town Typesetters Ltd Telephone 0208 523 6700

Printed in the UK by Wyndeham Group

Distributed by Marketforce, Blue Fin Building, 110 Southwark Street, London SE1 0SU. Telephone 0203 148 3333

Publishing team

Advertisement Director	Chris Templeman
Group Magazines Editor	Garry Coward-Williams
Publishing Director	Alex Robb
Managing Director	Paul Williams
Chairman and Chief Executive	Sylvia Auton

All contributions to Amateur Photographer must be original, not copies or duplicated to other publications. The editor reserves the right to shorten or modify any letter or material submitted. IPC Media or its associated companies reserves the right to re-use any submission sent to the letters column of Amateur Photographer magazine, in any format or medium. WHETHER PRINTED, ELECTRONIC OR OTHERWISE Amateur Photographer is a registered trademark of IPC Media © IPC Media 2011 Amateur Photographer (Incorporating Photo Technique & Camera Weekly) Email: amateurphotographer@ipcmedia.com Website: <http://www.amateurphotographer.co.uk> IPC Switchboard tel: 020 3148 5000 Amateur Photographer is published weekly on the Tuesday preceding the cover date by IPC INSPIRE, part of IPC Media Group of Companies. Distributed by Marketforce (UK) Ltd, Blue Fin Building, 110 Southwark Street, London SE1 0SU. ISSN 0022-6840. No part of this publication may be reproduced, stored in a retrieval or transmitted in any format or medium, whether printed, electronic or otherwise, without the prior written permission of the publisher or the editor. This is considered a breach of copyright and action will be taken where this occurs. This magazine must not be lent, sold, hired or otherwise disposed of in a mutilated condition or in any authorised cover by way, or by trade, or annexed to any publication or advertising matter without first obtaining written permission from the publisher: IPC Media Ltd does not accept responsibility for loss or damage to unsolicited photographs and manuscripts, and product samples. IPC Media reserves the right to use any submissions sent to Amateur Photographer Magazine in any format or medium, including electronic. US agent: Mercury International, 365 Blair Road, Avenel, NJ 07001. Periodicals paid at Rahway, NJ. POSTMASTER: Send address changes to Amateur Photographer, 365 Blair Road, Avenel, NJ 07001.

CHRISTMAS CATALOGUE 2011

View online today at ParkCameras.com!

- **FREE GIFTS** when ordering any item over £25!
- Great deals on Cameras, Accessories, Televisions and much more...!
- **Fantastic Christmas Gift Ideas**
- Digital Camera reviews from the experts



I AM NIKON 1

The new Nikon J1 and V1 feature an all new, high speed sensor capable of capturing full resolution images at up to 60 frames per second, and up to 10⁵ frames per second in full resolution whilst focus tracking a subject. The cameras also feature full HD video with all functions optimized to capture incredibly clear video footage with low noise, even in low light. Combined with a range of versatile and compact lenses the Nikon 1 intelligent camera system, is crafted to bring new levels of speed, simplicity and enjoyment to the way you capture your world.



Call us on
01444 23 70 60
or visit us at
www.ParkCameras.com/AP
to place your pre-order
on this all new pro
camera from Canon.

Visit our website for our latest low prices, as well as the Nikon 1 lenses

Due March 2012

See website for more information

Canon EOS 600D + 18-55mm IS II



SRP £729.00

Save a further £60 with
Canon Cashback between
3/11/11 & 25/1/12

18 MP resolution, user-friendly design, the EOS family of lenses and accessories at your disposal, the EOS 600D lets nothing stand in the way.



SRP £1,349.99

Still or movies, capture your story with the EOS 60D.

The EOS 60D is built around an APS-C sensor but with a newly developed 18 MP CMOS sensor allowing you to capture professional quality images in a lightweight body.



SRP £1,999.99

Designed by you,
built by Canon.

The EOS 7D features an 18.0 MP APS-C size CMOS sensor & Dual DIGIC 4 Image Processors, capturing images at up to ISO 12800 & speeds of up to 8 fps.

In stock at only £629.00

See website for even more EOS 600D offers

In stock at only £869.99

*Purchase an EOS 60D, 7D or 5D Mk II between 01/12/11 and the 28/02/12 to claim up to £320 cashback on selected Canon lenses. See web for further details.

In stock at only £1,434.99

*Purchase an EOS 60D, 7D or 5D Mk II between 01/12/11 and the 28/02/12 to claim up to £320 cashback on selected Canon lenses. See web for further details.

Nikon D5100 + 18-55mm VR



SRP £779.99

Flexible & Ergonomic,
Creative & Simplistic

The D5100 is a high-performance D-SLR designed to stimulate your creative side and help you create still images and movies like no other.

Our Price £675.00

See website for even more D5100 offers

Nikon D300s Body Only



Body SRP £1,369.99
Lens sold separately

Exceptional Agility.
Creative Command.

Compact DX format pro SLR with 12.3 megapixel CMOS sensor, 7fps continuous shooting, D-Movie, dual card slots and extendable ISO range of 200 to 3200.

Our Price £1,139.99

See website for even more D300s offers

Nikon Coolpix P7100



SRP £439.99

The ultimate in compact performance just got better. The P7100 is a great way to pack light and still take complete control over your shots. Packing a 10 megapixel image sensor delivering clean, detailed results.

Our Price £439.99

See website for even more P7100 offers

School of Photography

www.ParkCameras.com/Training

Introduction to Adobe Photoshop Elements 10

Learn how to manipulate digital images using appropriate tools and techniques with Adobe Photoshop Elements 10.

6th January 2012 Only £99.99

Understanding your Digital SLR Level 1

Explains how to use a Digital SLR camera, the various modes and operations and to unlock your photographic potential. Places are limited so please book early to avoid disappointment!

13th January 2012 Only £99.99

Sign
up for
FREE!

Park Cameras E-Newsletter

- Bespoke Offers • The Latest Products
 - Cashbacks • Events • Promotions
 - Articles • Product Reviews • Weekly
- Sign up for free at www.ParkCameras.com/AP

DOWNLOAD
FREE 'BOWIE LITE'
VERSION NOW!



DAVID BOWIE

THE ULTIMATE MUSIC GUIDE

*A thrilling journey exploring Bowie's legacy,
in over **600** interactive pages*

► **LIMITED OFFER - ONLY £2.99** ◀



- Hundreds of rare and unseen photos
- Every album revisited, with audio clips and original album artwork

- Classic interviews from *NME*, *Melody Maker*, *Uncut* and more
- Iconic music videos

Available on the iPad
App Store

TAP HERE TO BUY!

itunes.apple.com/gb/app/david-bowie/id468076099?mt=8

FREE BOWIE LITE

[http://itunes.apple.com/gb/app/bowie-lite/id470826274?mt=8](https://itunes.apple.com/gb/app/bowie-lite/id470826274?mt=8)

Also available as a special limited edition print issue

CLICK HERE TO BUY!
www.nme.com/store



Nissin
The art of light

simplicity,
power
& versatility



Di866 PROFESSIONAL

Category leading pro power output, simple intuitive operation and the highest build quality. Plus USB firmware update socket for compatibility even when you upgrade your camera.



Amateur
Photographer
★★★★★



well specified

Fill-in reflector and light diffusing panel installed

powerful

The world's most powerful camera mounted flashgun*. Guide number 60m/198ft (ISO100/105mm)

versatile

Secondary sub-flash below the main flash gives a fill-in light while bouncing the main flash.

wireless TTL

Supporting Canon E-TTL, E-TTL II, Nikon i-TTL and Sony TTL.



autozoom

wide-angle auto zoom head. Rotates horizontally 180° to the right and 90° to the left and tilts up to 90°

ease-of-use

A full colour Auto Rotate Display automatically follows the angle of the camera. The 6 colour coded icons make it easy to identify and choose between the most popular modes.

Canon, Nikon and new Sony fit available now at all good photographic retailers.

Distributed by: Kenro Ltd,
Greenbridge Road, Swindon
SN3 3LH. Tel: 01793 615836
sales@kenro.co.uk



www.kenro.co.uk

*as at 30/09/09